As well as offering maximum pack stability, the six colour flexo printed stretch sleeve offers a significant print area for maximum shelf impacr. The impact of the sleeve on a 3 x 2 litre bottle pack is much greater than that created by labels on three separate containers, says Smurlit (Bolton Street, Radeliffe, Manchester M26 0SR - tel: 061-724 5403, fax: 061-724 6416). Haiidles can also be printed for further promotional options.

High shelf impact

Smurfit believes that the combination of high shelf impact, the convenient carry handle and the favourable ecological considerations will prove suc-

cessful in the UK. As well as the initial shelf impact, the sleeve also ensures that the sales message is always oriented towards the consumer. On the carry handle, Smurfit eites ease of handling for both the retailer and consumer as benefits offered.

In terms of environmental issues, the multipack weighs only a few grammes, while at the same time offering the chance for further material savings by reducing the size of the primary product label.

The automatic in-line ponents are the sleeve and hanapplicating machinery can run dle module. The sleeve module at speeds of up to 90 a minute provides product grouping and on a 3 x 2 litre bottle format sleeve application, while the head on the handle module is and 65 a minute on 2 x 2 litre versions. Specil varies dependkey in its application. ing on the size of container and format of the cluster, but

"Transparent tape attached to a strip"

The transparent, self adhesive tape that comprises the handle is attached to a neutralising

strip on the underside which there are vanous me al options other than bear According to Dunn Syster efficiencies can be improved configuring the lay out will optional free standing har feeder, including an autom. splicing device for tape wil and long range board store.

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TINY INKJET

Conlinued from front page

being used, Pinpoint can improve the quality of print, says Domino, giving what the company ealls "near letter quality" resolution. An output of 2400 characters a second can be achieved assuming speeds of 369m a minute on characters 2.5mm wide.

Activated by a single keystroke, start up and shut down are fully automatic. The systems incorporating Pinpoint have an integral control panel with a liquid crystal display and large keys.

Domino now works from a manageable core range while offering a lot of functionality, says the company (Bar Hill, Cambridge CB3 8TU - tcl: 0954 781888, fax: 782713).

Acquisition of laser coding technology from DEI (Directed Energy Ine) in California is being finalised by Domino, Inplant trials are currently underway in the UK with the small, flexible dot matrix system. The technology is said to be especially suitable for the brewing, cosmeties and pharmaceuticals industries. Domino expects that the range of equipment

For more labelling, eoding and marking news, turn to pages 22 to 31.

Redesign gives colour impact to fruit juices

the JFW agency, and aimed to

colours in a quality finish for

the maximum capacity on the

standard machines is 120 a

minute. Twin lane versions can

Equipment is designed and

built in modular form with

various configurations avail-

able. In essence, the main com-

also be supplied.

shelf inspact, is among key features of a Bowater PKL Comdesign for Rub

Rubicon has added guava to its range of passion fruit and mango juice drinks, with a redesign

fruit juices.

along the lines earton for the ucts, all in one litre packs. "We needed to update

passion fruit

will initially be limited.

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packs with a bright, eyecatching design which reflected the exotic images of the juices. Bowater's high quality five colour rotogravure press allowed us to do this quickly and cost-effectively," says Vish Vekaria, director of Rubicon.

the mango and The bright, eyecetching design reliecte the exotic image of the juices tional campaigns, across the range. According to Rubicon marketing director Sheila Tarring, the carton has a distinct quality feel to it, and the colours on the redesigned pack

are much more vibrant. Combibloc is especially

The oil in the

maintain the strong colour product requires shaking by it coding, also used in promo- consumer before drinking I

> The Cor bibloc caru wrap system from Sollas is providing Duteli manufacturer Douwe Egberts with a costeffective end of line solution

> > for teabag cartons, with particular benefits for retail display.

sold primari

looking prod

able with Combiblee give more design options, says Bowaer PKL (Blackthorn Way, Houghton-le-Spring, Tyne & Wear DH4 6JN - tel: 091-385 3131, fax: 091-385 4713).



THE COMPLETE NEWS SERVICE FOR BUYERS OF PACKAGING EQUIPMENT, MATERIALS AND SERVICES **End of line solution**

for teabag cartons er is about to be delivered to the company's factory in Budapest. Originally, hand packing of cartons into eases

explains planning and produc-

tion manager Hidde Risselada.

had been used. "We consulted with marketing as to whether we should stay with corrugated boxes, but they wanted something more for display,"

Seven Sollas Cartostretch mathines operate at Douwe Egberts' tea plant in the morth of the Netherlands, and anothtions are hand palletised. According to Douwe

Egberts, the machines will turn out ten collations of 12 cartons a minute. Cartostretch will also wrap collations of 24 boxes, with a changeover time of around 20 minutes, says the manufacturer. Separable Continued on back page

lowest for more than a year."

For polystyrene, the cur-

Material prices set to rise again

Raw material prices across all sectors are set to rise again this Autumn as a result of demand

As Jim Pugh, chief executive of the Packaging and Industrial Films Association says: "The buoyant economies of the United States and countries around the Pacific rim are drawing in raw material supplies leaving polymer stock levels in Western Europe at their

Pifa estimates that the plastics films industry will be facing a minimum increase of 25 per cent, rising to almost 50 per cent for pvc. A similar situation exists for the rigid container market and across pet, pp. hdpe, ldpe and pe, with various double figure increases going through each month.

rent supply problems with the monomer are predicted to last well into next year, and further huge price hikes are expected by some producers to be expe-

rienced well into 1996. Commodity plasties are like agricultural products, prices are dependent on harvest outstripping supply in many and demand, an industry

spokesperson told PN Similar price rises are being experienced in the paper and board, metal and even wooden pallet industries. There has been a rapid escalation in waste paper and pulp prices throughout the summer, and these are now heing passed on at around £50 a tonne for folding

boxboard products. In the metals market, timplate increases of between 6 and 12 per cent were imposed earlier this year. The rocketing price and escalating shortage of timber is now impacting on buyers of timber pallets and packaging-

the worst for twenty years. Purchasers of pallets and packing cases will soon face price rises of more than 25 per cent and suffer growing shortages of pallets, says the UK Timber Packaging and Pallet Confederation (Timeon).



Paperboard seminer 26
A seminar next month will look
into the future of paperboard over

Marketing for the Fer East

Moulded pulp for hardware in transit 38

Circular barcode
Orientation problems on sutometic
scanning are a thing of the past,
says the supplier, with the return o
clicular codes.

医医丛下切除医多

PPMA Exhibition preview A guide to the best of equipment to be shown at the show later this month in Bisminghant's NEC.

Plastics 52-59 Pvc, reseablile bags and the very latest in plastics packs are emong the areas covesed.

REGULARS

Company News CLASSIFIED ADS start on page 83

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PACKAGING NEWS/AUGUST 199

Modified levy proposal angers many converters

The modified converter levy mally adopt the levy scheme. Proposed by Sir Sydney Lip- Christopher Stewart Smith worth to fund the Producer Responsibility Group (PRG) Valpak scheme (see PN August) has naturally angered many converters who fear that they will be forced to absorb the full force of the levy as Packers/fillers and retailers either fail to register with the scheme, or absorb the levy into he price but negotiate it away n price discussions. In addition, there seems to

lave been scant discussion so

ar on the proposed interim

measure of a shared burden

rying, the PRG has yet to for-

"More time to respond" Given the report's late arrival,

crnment will begin.

PRG chairman tells PN that

this is likely to happen at the

beginning of the month when

a unified position will be

taken and talks with the gov-

Sollas Certosiretch mechine: sevan ere operating et Douwe Egberts' lee pient in like Netherlands

the consultation period has now been extended to September 9 to give companies more time to digest and respond to the complicated levy scheme, levy (see page 10). More worwhich has been described as "a

good old British compromise."

Without underpinning legislation the scheme is doomed to failure, a point emphatically endorsed by Sir Sydney and all those whose made submissions to him (see PN July).

Undoubtedly, few will disagree with Sir Sydney's statement that There is no levy point that is capable of satisfying all objectives and eriteria and which does not have serious flaws and disadvantages."

The reaction is polarised between retailers and converters. A number of crucial decisions have yet to be made and industry opinion seems to be that more people should have a say before they are taken.

Policing the levy is a major issue. "Essentially the levy gives packers/fillers and retail-Continued on back pege



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TARIL THE DACES FOR PACKAGING PRODUCTION & PRINT PAGE 61

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Prestek's stand at the PPMA

exhibition. The lucky winner

will be announced at 4pm on

the last day of the show. Good

luck and happy motoring...



The impact of raw material price increases are now being felt more and more by most sections of the packaging chain. Although polymer price rises are the most dramatic at the current time, converters of other materials are now also finding that raw material costs are escalating.

This is not to say that most of the larger companies are getting some of the increases through, but some offthe-record comments to this office have been more along the lines of this year's negotiations heing 'uniquely difficult'. Indeed, it is common knowledge that certain fillers/retailers have been actively looking for price reductions throughout 1994.

Now this is not to say that converters and some fillers are just whingeing about their lot. Some are in fact, quite bullish about their success in this extrent round of negotiations. The magnitude of the increases, especially in the plastics field, have shocked the industry as a whole, PN is told, which has in fact made it easier to justify n raw material price incrense to fillers/retailers.

No one likes price increases, no one wants extra costs, but the margins in the packaging industry are nowhere near enough to be able to absorb a 30 per cent rise in base material costs. As Jim Pugh, chief executive of Pifa says: "An understanding of the severity of the situation by major users and their acceptance of unavoidable cost increases is essential if they wish to retain long-term choice within the market."

Some converters talk of the situation becoming 'dangerous' in terms of number of suppliers. There are of course, always companies that are willing to buy volume, but again, the sheer size of a lot of the increases cannot be absorbed for long, even by the companies swallowing the current ones. This is especially so now, post-recession, as any fat that mny have existed, certainly does not apply now. All of the possible trimming has been completed. Surely it is in retailers' own interests to keep supply options open, anyway?

The power struggle going on between packaging converters, fillers of own-label and branded goods and retailers is surely one that has to be resolved soon. How, for instance, does the 'no price increase' policy of the retail groups fit in with the latest PRG report? (see page one), let alone raw material costs?

The bottom line in all of this is that although eustomers are currently getting the prices that they want, it is going to be at the expense of tomorrow's innovation. The supply problems now being faced in the polymers business is down to a lack of investment during the recession. When retailers demand an allsinging-und-dancing pack in three years time, what will the converters say? We had no money for investment in 1994?

Commonsense may yet still prevail... Gnil Lea, Editor

Leaflet label boosis beer

A point of sale promotion offer designed to work just as effectively in either a major supermarket or corner shop, is being used to boost sales of Whithread's Boddingtons Draught in cans.

Key to the promotion is a 14-page rescalable Labeltext leaflet label - attached to the can lids - which details the offer.

"We were looking for a nedium that would work equally well on a single can or a pack in any retail situation," says Chris May, marketing nanager at Whithread.

"It would have been diffitalt to communicate the amount of information we needed on a can and using outer boxing would have been expensive," he says. "The beauty of this promotion is that all the information is essentially contained in the label."

The promotion invites consumers to collect ring pulls



The Labeltext leaflet label is printed four colour, to metch the cane

for free CDs, videos and books. The leaflet lahel is produced and printed four colour process, to match the black and gold on the Boddingtons cans by Labeltech Ltd (Crittal Road, Witham, Essex CM8 3BJ - tel: 0376 501144, fax: 510979),

The 50mm diameter leaflet is printed offset litho on from the cans and send away 100gsm white art paper with

the one colour sealing strip printed rotary letterpress. It is positioned on top of the can and covered by a reusable gold plastics lid stating 'inside'.

Printed on the can, immediately below the lid, is lettering aunotuncing the promotion and also the freephone number. ****************

be altered by handwheel.

"This is a particularly wide

size range which we believe

has not been available previ-

ously on a single machine,"

says Michael Kane. "As a

result, drinks and dairy com-

panies, especially those

Bag in box erector covers all sizes

A bag in box erector which covers virtually the entire size range of boxes used for bags of wine, dairy products, cordials, syrupa and soft drinks has been introdueed by Kanepack, part of Howden Packaging Equipment.

This allows a single machine to handle the range of box sizes from 2 litre consumer packs to 10 litre catering and pub trade sizes.

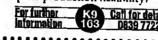
The Kanepack Model K5 bag in box erector operates at speeds of up to 18 to 30 boxes a minute, depending on size, chain system allowing pitch to

which extends from around 120 x 100 x 200inm for 2 litre bage and up to 250 x 200 x 280mm dimensions of boxes for 10 litre bags.

Size change takes 10 minutes, says the company (Kanepack Works, Aintree Road, Perivale, Greenford, Middx UB6 7LA - 1cl: 081-998 4404, fax: 081-991 9204), 1t involves fitting just one change part, the platen at the end of the pressure ram. Conveyor flights are carried on a four

erect a full range of hoxed quickly and automatically. With an output of 30 x 2 litre boxes a minute, the

Kanepack K5 is able to keep pace with four or five single head fillers, explains Mr Kane, Alternatively, the speed of the machine and its fast changeover can be employed to build up small stocks of various sizes, virtually on demand, for complete production flexibility.

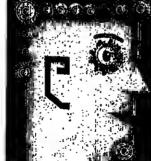


PPMA show expects 6000 visitors

Nearly 200 machinery companies will be exhibiting at the PPMA Show at the NEC, Birmingham from 27-29 of this month (not in November as we reported last month).

For the second year running it will be a members-only show and around 6000 visitors are expected through the doors.

"Visitor levels are going to e helped by a record number of new machines at the exhibi-



tion as many companies now view PPMA as the most importans event for product launches because of the dedicated theme of ealibre of visitor," says Andrew Manly of the PPMA (Progress House, 404 Brighton Road, South Croydon, Surrey CR2 6AN - tel: 081-681 8226, fax: 081-681 1641).

Our preview starts on p.12.



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Carbonated drinks in multi format Your chance to win

Canterell & Cochrane (C&C) will this month launch several brands of carbonated soft drinks - including Club Orange, Club Lemon and Pepsi - onto the Irish market in the Decopack multipacking format.

According to Francis Maher, manufacturing engineering manager at C&C, the Decopack multipack provides the biggest consumer benefits ever offered to the Irish market in terms of value for money and consumer convenience. "The stretch sleeve and

handle combination that makes up the system, offers superb graphics with very real convenience for the shopper," Mr Maher tells Packaging News. "The 2 x 2 litre bottle pack is actually easier to carry than a single 2 litre bottle."

Lubricating oils from Unipart

International are being packed

in bottles with a recycled hope

rontent, with containers sup-

plied by Plysu Containers for

the same price as all-virgin

All Unipart's lubricating

products from 500ml to 5 litres

are now being packed in recy-

cled materials, and primarily

plastics. Chief among its sup-

pliers is Plysu, which recently

agreed to take all the hdpc con-

sumer waste collected by Mil-

ton Keynes Borough Council

(see PN Aug '93), washing and

regranulating it for its own use.

more recycled packaging was

accelerated by the news of the

agreement between Plysu and

the council, says the company.

Now, the bottles for Unipart

are the first to be blown using

Plysu's new source of recyclate.

colours of the containers will

Both the shape and basic

Unipart's decision to use

equivalents.

The Comag equipment is the first multipack facility installed at C&C and, because it is an individually controlled, twin-lane version, continuous production is guaranteed. It is integrated into an existing bottling operation and has been designed to feed products to either the Decopack system or directly to an existing, high speed shrinkwrapper.

The Decopack machine is Model FDZZ50 which has been supplied by Comag's UK agents, Dunn Systems (Smisby Road, Ashby-de-la-Zouch, Leics LE65 2UR - tel: 0530 414444, fax: 411110). "We have been involved with the development of this system, and the result is a very flexible machine that offers no production constraints," says Mr Maher.



Decopack comprises two or more bonles, which are held together by a special grade of polycihylene stretch sleeve manufactured by Smurfit Packaging Products (Bolton Street, Radeliffe, Manchester M26 DSR - tel: 061-724 5403, 061-724 6416), which also supplies the carry handle (see

Packaging News August 1994). At C&C. 14 different bottle formats are possible, involving 1, 1.5, 2 and 3 litre sizes.

DUNN BYSYEMS:

Keynes, Bucks MK17 8SE - tel: Recycled hdpe for lubricants 0908 582311, fax: 585450). Traditionally, packs with recycled content have cost more.

While the material is collected by the council, Plysu has control over the washing and granulating, even though this too takes place at the Milton Keynes MRF (materials reclamation facility).

"Having complete control over the quality and colour gives us a commercial advanrage. So far it is proving easier to blow perfect bottles using the MRF recyclate than when we sourced from several different suppliers," explains technical director Brian Haigh.

The company can, for example, plan runs of single colour pe, and so achieve high quality pigmented recyclate.

Plysu is taking all the recycled hdpe from the MRF, and expects to gain around 1000 tonnes from the first year, possibly rising to around 5000 tonnes a year.



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stay as before, specified to the

same performance levels. For

this reason, the changeover has

It is now policy to encour-

been smooth.

the use of recycled material

by supplying packs with a per-

centage of per for the same price

as those in virgin plastics, says

Plysu (Woburn Sands, Milton

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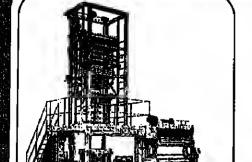
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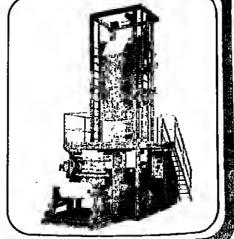




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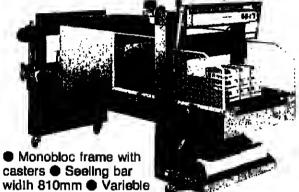
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Shrink system economy

looking closely at an infra-red system using energy from a re-emitter source, said to offer economies on space and encrgy and an ability to give qual-ity results with complex

The technique, licensed by Double R Controls from EA Technology in the US, uses infra-red energy which is said to optimise energy transfer into the shrink film. Interest has been expressed in the system by WR Grace Cryovae, which will be carrying out fur-ther research at its Milan tech-

Blowmoulded pet bottles for

flavoured Scottish mineral

water demonstrate how a low

volume product launch can

benefit from the production

system of manufacturer Lab-

Blowmould design system boosts pet bottle success

extended surface, distribution is more even than on traditional tunnels. Close control of power output is possible with elements

emitter Double R Controls shrink wrep tunnel

Energy comes from a short- Alastair Wiles sees potential in

plas, says the company.
The launch of Clearly

Scottish mineral water was

made feasible, despite the pro-

ducer's determination not to

use a stock bottle, by a combi-

from the high emissivity coating which lines the numel.

Cryovac points out that it has always

bottler wanted.

tation wood, Lancs OL10 2SJ - tel: 0706 623625, fax: 366881) using hot air systems. Product

ings for users. the controllability, efficiency

and energy savings of the Dogble R system. In chilled package ing areas in particular, where higher energy tunnels are not

popular, the re-emitter technol-

ogy could provide a solution.

minutes, says the company,

because of the low thermal

mass of the surface when com-

pared with a long-wave emitter.

ventional tunnels, says Dou-

ble R (Heywood Business

Park, Pilsworth Road, Hey-

and around 40 per cent less

energy consumption, the

system can offer major say-

With purchase costs up to 30 per cent less than con-

Heat up time is just five

nation of specially designed blowmoulds and standard neck and base sections. A standard bottle would not have allowed the product to stand out as the

By taking the route offered by Labplas, Scottish Border Springs was able to limit plasties moulding investment on a companies," says Mr Brown. product launch to well under

£10,000, whereas a full tool set might cost Moreover, if machine's capacity is

Scottish Border Springs worked on the Clearly Scottish project with NutraSweet, which had carried out its own research on the use of its product in flavouring water. Scottish Border Springs has also achieved mineral status for its water.

in tooling. Labplas UK now has 17 Aoki stretch-blowmoulding had to pay machines and five injection the full cost

we would

have gone ahead, at that stage at least," says Calum Brown, production manager at the company.

Now, with the product a great success with consumers, Scottish Border Springs has had to invest in a second set of tooling. "To have a brand new product take off so spectacularly is good news for both

Daily bottle production for the customer is now 17,000 but will soon be doubled with the new mould, says Labplas (Irton House, The Tower Estate, Warpsgrove Lane, Chalgrove, Oxon OX447THtel: 0865 400315, fax: 400350).

a full year, customer's nvestnient

moulding machines.



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Tin expertise displayed

Tins which are now being used. in the United States as a connoisseur gift item to contain fresh pears is just one of the latest products from Linpae Metal Packaging which is said to demonstrate its versatility.

Historically, the company has always been a major supplier to the biseuit market but, says Stafford Clarke, general manager at Linpac Reading, we can offer far more than just biscuit tins. Although biscuits still represent over half of its production, the promotional and confectionery tin business is currently growing anace.

Linpae has just completed the substantial order for Silver Crane to supply a highly decorated version of one of its largest titts for export to the United States. The Riviera

four-piece slip lid tin, which measures 340 x 265 x 120mm. is being supplied by Silver Crane to the Harry & David a fresh pears gift item.

The tin is a new Silver Crane design and has been produced to look like a fruit packaging crate.

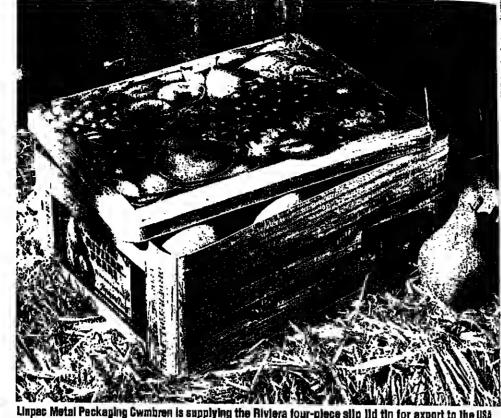
Primed in four colours on both the body and lid, the tinuses a combination of strategieally applied matt and gloss varnishes to give the fruit a realistic texture, says Linpac (Avondale Way, Cwmbran, Gwent NP44 IXE - tel: 0633 485232, fax: 864596).

Silver Crane says that it chose Linpae to produce the tin primarily because of its expertise in producing tins of

ness and flexibility to respond quickly to the additional orders which are expected from the USA.

This flexibility of approach is key to success which, traditionally, has not always been available to customers of the metal packaging industry, says Mr Clarke. "We have to reduce lead times by investing in tech-nology and people," he tells Packaging News. "We now set up project teams to see a new design through to manufac-

The company has also strengthened its commitment to the US market with the appointment of a national sales manager (see PN, August).



GLOBAL III

rogram. Wa shall expect our packaging printars to b

The tolerence specification for all colours is by CMC. ℓ :c (allo of 2:1 and of \approx 1.2. Colour specifications and tolerances were established using the X-Rile 938

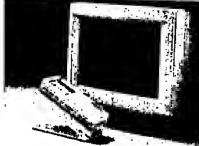
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Colourful sleeve adds appeal to tea whitener

A tea whitener from Nestlé UK has been given eyecatching on-shelf appeal by a full-length shrinksleeve from Decorative Sleeves, with colour matching across the range of paration brand.

The sleeve labels are supplied on the reel by Decorative Sleeves (Rollesby Road, Hardwick Industrial Estate, King's Lynn, Norfolk PE30 4LS - tel: 0553 769319, fix



ed sleeves is growing in the UK, where Decoprinted on clear film and show a rative Sleeves has around 90 per close-up of a spoon of product

Md Dale Hambilton tells being tipped into a cup of tea. "Extensive market research PN, the company expects to determined that Tea-mate has increase possible shrink on wide consumer appeal. The sleeves from the current maxiproduct requires packaging mum between 65 and 70 per which reflects the warm tones cent to 75 per cent. associated with a cup of tca,"

For further K9 Call for detail explains Sue Boskovic, senior

Recoup: voluntary funding grows to over £1 million

An expansion in membership Peterborough PE2 7WH - tel: of Recoup, the used plastics bottles recovery scheme, to 50 member companies in under four years has been matched by on increase in voluntary funding to over £1 million.

sleeves are eight colour

"Recoup's members and sponsors have already played a significant part in demonstrating producer responsibility within the plastics industry. and we thank them for their support, often during difficult trading conditions," says Mike Barney of Elida Gibbs, chairman of Recoup (9, Meiro Centre, Welbeck Way, Woodston,

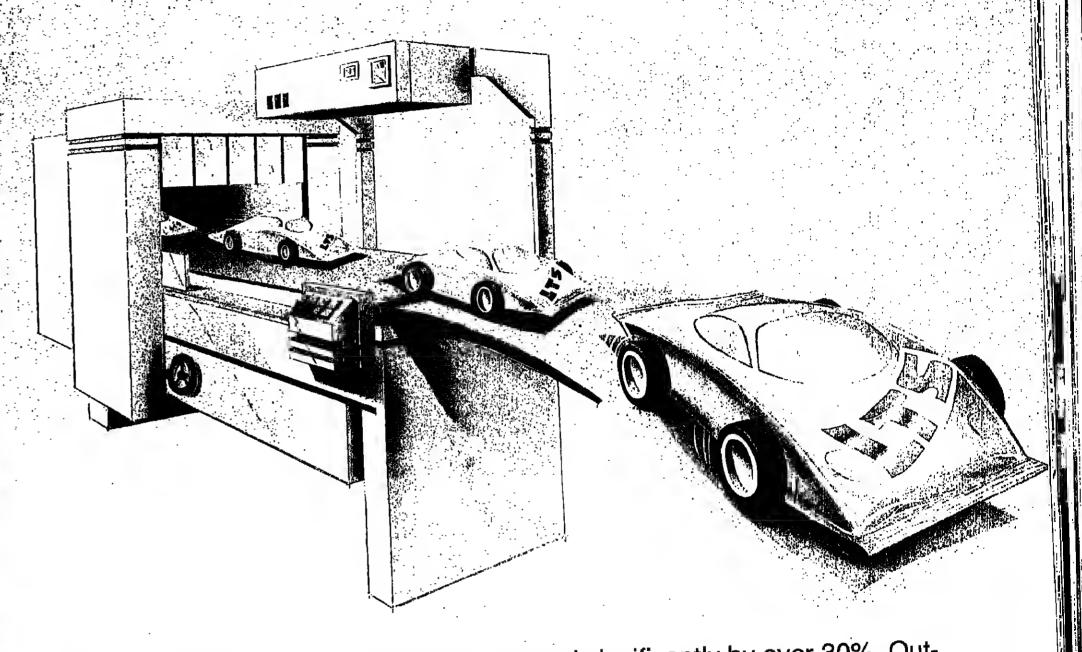
01733 390021, fax: 390031). "This is exactly the level of commitment I expected

from companies in the packaging chain," says Secretary of State for the Environment John Gummer. But he has called for more companies to contribute to the initiative. and so help achieve a high level of plastics recycling.

Apart from member companies, several non-members have helped sponsor individual projects.

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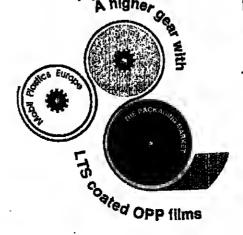
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Workshops are being arranged on 5, 6 and 7 October at the premises of the following participating companies in seven European countries:

Denmark: Fuji Dopack; France: Aucouturier, Sermatec; Germany: Robert Bosch; Italy: Cavanna, Dizma, Eurosicma, FMC Packaging Machinery, Record; the

Dijkstra Vereenigde, Klöckner Hänsel Tevopharm; Switzerland: SIG; UK:

Autowrappers, Rose Forgrove.



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Cell on 0838 772288 or enquiry number (19-476)



Hot foil printers add 'best befores' to dairy products

The Cheese Company Ltd, formerly Express Foods, has installed seven hot foil printers at its Lockerbie Creamery and ordered two more, to run on its butter and cheese packaging lines.

The company had been searching for equipment to both print and emboss 'best before' dates and packaging codes to its mini packs for the catering market. Process and packaging manager at the dairy lan Roy, chose a 2A/2 twin head hot foil and multi-head printers as best suited for the application, PN is told,

"Producing up to 200 impressions" a minute"

In the butter processing and packaging plant, the twin head 2A/2 hot foil printers are mounted on each of the Benhil high speed butter packers, producing up to 200 impressions a minute. The foil is then separated into two channels on contact with the product, allowing up to 400 packs a minute to arrive in the discharge section.

Two similar units are in

action on the Corazza wrapping machines in the same plant, says Preston Princers (Preston House, Petworth Road, Haslemere, Surrey - tel: 0428 654941, fax: 654769).

In the cheese section of the Lockerbie plant, a multi head printer, based on the 2A/2 print modules, has been installed on a seven lane Multivac machine.

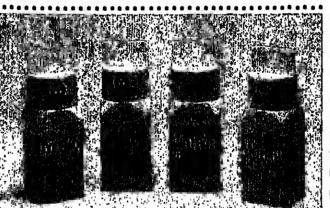
In operation, each of the seven print head provides two eodes, which allows for one on each of the 14 packs produced on the Multivac unit. The hot foil printing tape is set at a predetermined angle to allow seven independent rows of print to be produced within one width of foil.

This specially developed system allows maximum use of hot foil ribbon without any unnecessary waste, says Preston Printers.

According to Mr Roy, Preston Printers came up with the right machine specification at the tight time, and The Cheese Company Ltd has been "more than satisfied with them."

The tange of equipment from Preston Printers will be on show at the PPMA show later this month.

or further K9 Call for deta formation 186 0839 7722



entres easy-men closure system by Beason and Sons Ltd

Easy-open closure is helpful to arthritics

An easy-open closure system, Fastcap, designed by the onestop packaging patenting company Beeson and Sons Ltd, is now available to mulninationals in the UK.

The US analgesic Tylenol, said to be the biggest selling over the counter healthcate product in the world, is sold in one of Beeson's Easi-Open bottles and caps under the name Tylenol Pastcap.

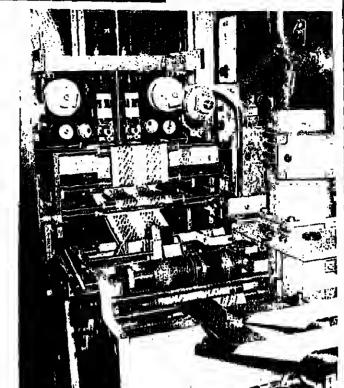
"It is targeted at adults who have difficulty opening bottles of medication," says Tylenon drug producer Johnson & Johnson Cotporation. Fastcap is now also licensed to Upjohn for its drug Motrin, says Witney King of International Hos-

pitals Group (IHG).

The bottle has been recommended by the US Arthritis Foundation and sales of Motrin have risen fast. Beeson (Hertford Place,

Rickmansworth, Herts WD3
2XB - tel: 0923 779111, fax:
896759), which is part of IHG,
does not sell any products but
earns its income from toyalty
payments on its pack designs
and closures.
The company will design,

matket and make the mould for the closute system and has the capacity to do a run of up to 5000 sample prototypes for matket research of each design.



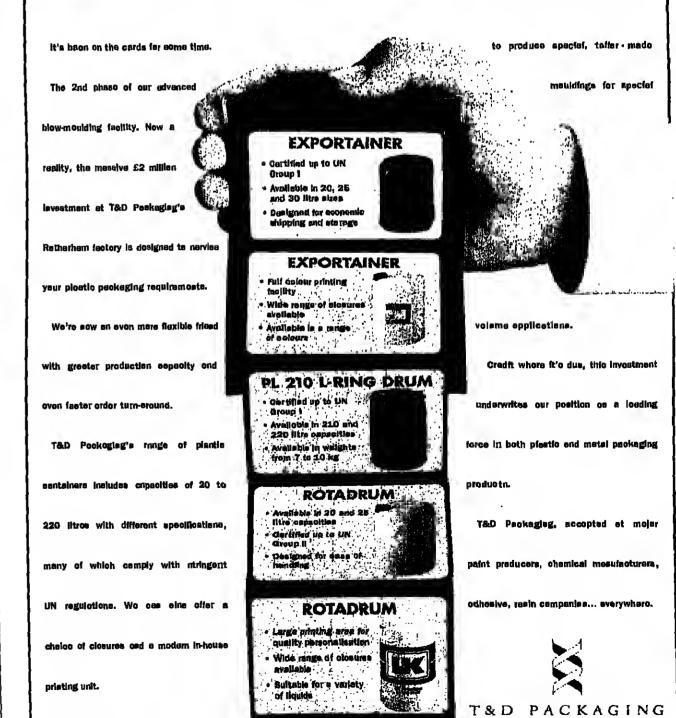
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Down to basics: how the PRG levy will work Researching a fresher image

Between \$100 million and \$500 million a year will be needed to fund the Producer Responsibility Group's (PRG) Valpak scheine (see page 1).

How the money is to be raised to achieve the increase in recovery of packaging waste from 32 per cent in 1993 to 58 per cent by weight and to extend close-to-home recycling facilities to eight out of ten homes in the country by the year 2000 has been ontlined by Sir Sydney Lipworth in his levy report.

"Matters are complicated"

However, the final details of the 'modified converter levy' have yet to be thrashed out. To complicate nutters, a shared burden levy has been proposed in the meantime (see PN August).

This would entail all members along the packaging chain including retailers and raw materials producers with a turnover above a certain threshold to pay a levy while the converter levy scheme is put in place. One informed PRG source tells PN he estimates this shared burden scheme will run for around

According to the report, all

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converters and importers of finished packaging will have no register with the Industry Organisation (IO), Initially a threshold may be introduced to exclude the smaller converters and importers based either on turnover or materials - this has yet to be decided.

A turnover yield would then be set for packers/fillers, wholesalers and retailers as well as importers of packaged goods. All those above the threshold would have to register with the IO.

In some cases, packers and fillers may themselves be converters of raw materials into packaging for their own use. They too should be treated as converters and a levy applied on their output.

The IO would then set the rates of the levy for different types of materials to be based on weight, turnover or on other measures such as volunic or numbers of units. All this still has to be agreed.

Converters and importers would pay the levy and account for it to the IO. The levy would usually be incorporated in a product's price, although it could be shown separately in their sales invoices.

If converters fear that any of their customers might refuse to pay the levy, they would have the option of invoicing it separately to those customers who are registered (ie packers/fillers or retailers) and the responsibility for the levy will then pass to them.

Registered customers

Registered customers could agree to have the levy incorporated in the price in the same way that non registered customers do, in which event there would be no need for a

A quarterly accounting system is recommended. whereby the converters submit quarterly returns to the IO of their sales. This will allow the 1O to make levy calculations.

Converters will also supply a quarterly return of sales to the IO of those registered customers who will be liable to pay because they have not incorporated the levy into the price. The IO would then look to those customers for the levy.

Converters would not be liable to pay the levy on exports, or on sales to registered customers who do not agree to have the levy incorporated into the price.

If registered retailers or vholesalers are seen to be resisting the passing on of the levy, the 10 should have the discretion to introduce a similar invoicing provision for packer fillers to their registered retail or wholesale custoniers, suggests the report.

The effect would be that where the converter's customer, for instance a packer, opts to pay the levy direct and not have it incorporated in the price, it would in turn be allowed the option of including the levy in its invoices to its registered customers.

"Invoicing separately

This would pass the responsibility onto the customers. Packer fillers would also make quarterly returns in the same way as the converters. It is hoped that this system will eventually be fully accepted by the packaging chain and that the converters will not need to invoice registered customers separately but will incorporate the levy in their prices for everyone.

Similarly, it is hoped that registered purchasers of packaging will pass through to their customers this inclusive price for the material they have bought.

Where the right elimate of cooperation exists, it is thought that there would be no need for additional measures to bol-

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ster the converter levy.

But what happens if this fails and the larger packers. fillers wholesalers and retailers resist the passing down of the levy? Should this happen - and it is considered likely - Sir Sydney recommends that the IO should reserve the right to amend the scheme by, for example, directly imposing a levy on turnover for registered packer/fillers or registered retailers and wholesalers. Alter-

a retailer/wholesaler levy. Sir Sydney also advises that there should be provisions to exclude vat arising on payments of the levy to the IO and also to grant a refund to the IO vat on the packaging levy that is passed down the chain to retailers in the prices of the final products.

natively the IO could consider

In the meantime, to jump start the levy into action it is proposed that a type of 'shared burden levy' should be introduced to raise funds quickly.

This will entail registering all participants in the packaging chain above a certain turnover threshold in much the same way as the converter levy.

It is suggested that some of the raw material manufacturers and importers should also be involved, but they would pay a lower rate to recognise that

•LYCINS SEAFCICIDS •DUNLOP

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their turnover includes Ros. packaging sales.

that as the entire project is a

such an early stage, any fund-

ing scheme that is introduced

initially should be regarded as

provisional so that it should be

eapable of fairly ready alter-

ation as developing eircum-stances require. Sir Sydney

For a copy of the report or to send a submission on it contact

the PRG 4th Floor Bowater

House, 114 Knightsbridge,

Landou SWIX 71.J - tel 071-

823 8666, fax: 071-823 8363

•RANK HOVIS McDOUGAL

tells Packaging News.

ly Value range of kitchen paper, facial tissue and toilet tissue products, aiming for a Appropriate weighting fresher, more modern image, Either the levy should he has been helped by use of the imposed pro rata on a basis of Seantest research technique turnover on all participant, from Scantel. or there might be some splat Working with design that recognises the appropri agency Pemberton and White-

ate weighting between the foord, Jamont UK, manufacvarious categories. turers of the range, selected "This is a scheme that three possible rnutes: family would be appropriate for a appeal, environmental appeal temporary period to get the and value for money. Qualitafunding started and that is tive research identified the unlikely to be considered right family option as being potenif the amount required rises tially the best. significantly," says Sir Sydney.

"The hard green edge has However, the turnover gone off the British market," limits and the amount to be says market research manager paid - or whether the shared at Jamont, Andy Parry. option burden will be accept-"Using recycled or being able - have yet to be agreed. "I should caution the PRG

A relaunch of the Dixcel Fami-

'environmentally friendly' is taken for granted now." Consumers also expect the same standards of product and presentation from recycled as virgin materials, he says. Jamont produced three exe-

cutions of the main graphic on the packs and three versions of the border, generating nine variants, as well as the starting design. By using Scantest, these were distilled to a single design which incorporated the best of the new and disearded versions. "Seantest can cope with a

large number of alrematives in a more structured way than other methods," says Mr Parry. When used for product research, the technique might be required to accommudate up to 400 variables, as com-

pared with a likely 20 for packaging, points out Bill Dunning

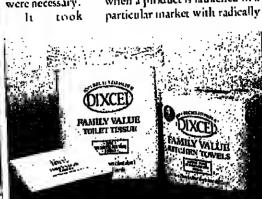
Over 200 main shoppers participated in research. The various grades of rest - includ-

individual's lifestyle, listing in order of preference - gave Jamont a clear execution style, but established that changes

were necessary.

ing initial impact, how the

product is seen to lit in with an



range, incorporating research by Scantel, and (right) the previous Femily Value pecks

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different presentation. When Jamont six weeks to develop compiling Seantest results. the final deagn from the first competitor information can be brief with the help of Scantest, introduced and these products but new product development ranked alongside contending is never a fast process, says Mr. options for a launch. Dunning. The range was According to Scattel, the

relaunched in July. One of Mr Dunning's convictions is that packaging can date very quickly, with consumer perceptions changing when a product is launched in a

own and other brands in particular product areas. The technique as a whole evaluates consumer preference. says Scantel (27 Dale Street, Manchester, MI IEY - tel: 061-236 1951, fax: 061-236 0768), and gives what is effectively a

same research techniques can

he applied by retailers to ascer-

tain the selling power of their

sales forecast. Another option for users of the test is the compiling of a perceptual map, showing in a graphic and measurable form the way that different attributes of a product stand nut most for consumers.

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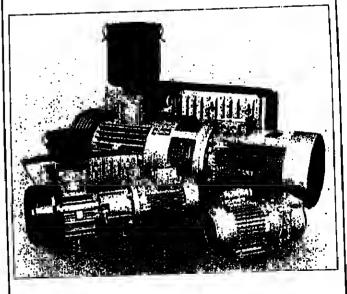
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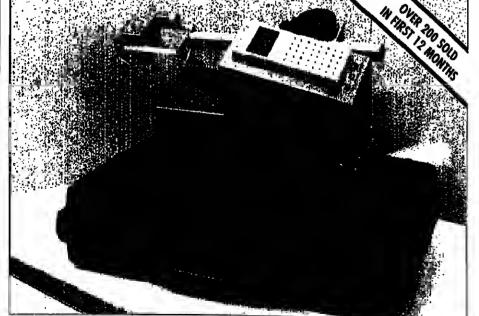
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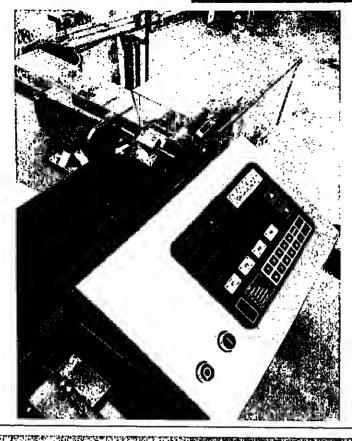
BUSCH Fax: 0952 677423 6S5750 Approved

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For the second year running, the machineryonly PPMA show will be a members-only event with nearly 200 exhibitors attending.

Held at the NEC Birm-Ingham from 27 to 29 September, It has already sold out and eround 6000 visitors are expected.

Here we preview some of the machinery on view at the show. Visit Packaging News on Stand 5160.



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AMP The Expulsion of the Color

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Smarter weigher

mart, the latest checkweighing system from Loma Systems, which offers food and pharmaceutical manufacturers benefits including savings in capital maintenance and space costs will be demonstrated.

Smart comprises integrated checkweighing and code checking technology and is capable of simultaneously handling multi-weight products which have randonly merged from different packing lines onto a single conveyor.

Software enables the cheekweigher to individually recognise each product and checkweigh it according to pre-set parameters. It is suit-

Loma Smart checkweighing system will be seen in ection able for use on any packaging line where product weights vary but pack sizes remain similar such as production lines which are merged at the end of line to achieve higher output speeds.

The system operates when an infrared Data Logic DS40 bar code scanner reads the barcode on the pack as it passes into the cheekweighing system.

Parameters selected

This information is then transmitted to the checkweigher which decodes it, identifies the product and selects the correct parameters to weigh the product against.

If the pack weight falls outside the given tolerance it is automatically rejected into an integrally mounted reject bin.

Loma (Southwood, Fare borough, Hants GU14 ONY tel: 0252 540346, fax: 51332) tells PN that by using Sman fewer checkweighers need to be used. It also reduces the number of sources of weight information simplifying pre-duction control and enabling product relative shift reports to be compiled and printed out. Stand: 2100

For further K9 Gall for deal information 125 0839 7722



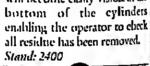
Designed in response to the need in the toiletries industry for a flexible, reliable volumetric piston filling machine, suitable for use with a wide range of products, the S250-A Multifil will be displayed by Masterfil Ltd.

It is an integtated filling and capping system and has been designed to handle the wide variety of caps used by the toiletries manufacturers such as serew, press on and spray heads.

Speeds of up to 60 a minute ean be obtained filling and capping containers between 10ml and 250ml. With three fill variable speeds, the six-head filler

ensures products can be filled and capped to suit both the product consistency and container shape, says Masterfil (D Farmbrough Close, Stocklake, Aylesbury, Bucks HP20 IDQ - tel: 0296 25001, fax: 25002).

Features have been includchangeover and to make it easfull inspection, stroke pistors will become easily visible at the bottom of the cylinders enabling the operator to check all residue has been removed.



ed to reduce downtime during er and quicker to clean. By programming the machine to

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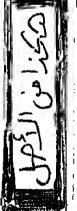
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Oakley Hay Business Cenire, Corby, Northanis, NN18 9QD Tel: (0536) 460929 - 4 Lines Fax: (0536) 461007

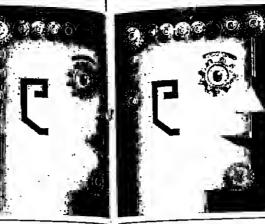
Cell on 0838 772288 or enquiry number (K9-459)

A more reliable bag seal method

Two machines from Thurne Engineering Company Ltd, the MK5PR bag scaler and the Formost GT bagger, will make their debut at the show.

Thurne claims the MK5PR is the only machine of its type to use a combination of adhesive and plain paper tape for sealing. This is said to provide an easy-to-open fastening which is compatible with most automatic and semi-automatic bagging systems.

The machine features a computer controlled hot foil thermal transfer printer which can be reprogrammed rapidly to vary the information reproduced, offering a major advantage over conventional hot foil matking systems, says Thurne (Delta Close, Norwich, Norfolk NR6 6BG - tel: 0603



410771, fax: 417941).

with minimum maintenance.

Through its combined to-

tical and horizontal motionbai

opening system the Forenes

GT bagger ensures that com-

plete bag control is maintaine!

variety of bakery and froza

food products at high speed A

number of meebanical

upgrades have been made w

the bagger, including a high

tolerance bag opening system

reduced reciprocating action

and plastic carrier for quick

operation.

Stand: 4110

The bagger can handles

range of fast-change rotary fillers will be Designed primarily for # Lintroduced, with the food industry, the bag sealers: first 12-head FCL volumetrie said to offer high reliability machine shown by GEI Filling sealing efficiency and long lik! Capping and Labelling.

Fills of up to 1 litre are possible at speeds of up to 180 containers a minute on the 12-head version, although machines in the range will be fitted with up to 36 filling heads. This size of filler will reach speeds of

Occupying a 1400 x 1600mm space, the 12-head machine is compact, says GEI (Hythe Road, Ashford, Kent TN24 8DS - tel: 0233 629161, fax: 639560). Filling accuracy is to within 0.1 per cent of cylin-

heing applied on a PPM

pressure sensitive labeller.

For juriner K9 Can for data

"Jointly way filling cylinders are mounted directly onto the developed" underside of the product tank. "In place of the more usual The Inform patient informaradiussed pipe runs there is a tion system, which was short, direct product flow path jointly developed by GEI with less area to clean," and the pharmaceutical diviexplains sales and marketing sion of Jarvis Porter (Label director Glyn Humphries. Systems) Ltd, will be shown

Stand: 6100

Temperature/volume compensation for hot fills is another feature of the ple control. Downstream eheckweighing data can be fed back to the dosing pistons, if necessary.

300 containers a minute with

fill volume and nozzle height

can be carried out through the

ple control in as little as two

minutes. Fast and efficient

clean-in-place is made possi-

ble, says GEI, because of the

Motorised adjustment of

maximum fill of 5.2 litre.

Fast-change fillers High speed

Servo assisted rechnology for high speed bagging operations will be demonstrated on vertical (is machinery from Sandiacre Packaging Machinery Ltd.

Block bottom and pillow pack applications can be handled to meet the demands of retailers, with a modular design concept and full inhouse manufacturing eapability. This gives almost unlimited flexibility, says Sandiacre (1 Ulviet Gate, The Belfry, High Legh, Nr Knutslord WA16 677 - tel: 0925 755169, fax: 758575) to respond to specific customer requirements. Smaller bags can be accommodated. Stand: 3430



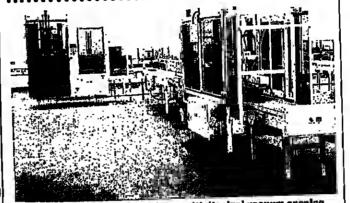
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The 201 case erector will be shown with its dual vacuum opening

Complete

Endoline Machinery's modular solutions to ease erecting, filling and scaling will be demonstrated in a complete line.

A 201 case erector and bottom taper, a 301 pick and place machine and 702 fully automatic case sealer will be shown handling standard RSL cases.

The 201 will be shown with its dual vacuum opening,

DEGREE

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offering positive ease crection Product fed to the 301 is collated, picked up by vacuum and loaded into each ease, which then passes to the 702.

Other case sealing machinery to be shown include the 710 semi-automatic and the 704 fully automatic random case sealer, says the company (Stratton Business Park, London Road, Biggleswade SG18 8QB - tel: 0767 316422, fax: 318033).

Stand: 6400 for further K9 Call for detail

THE COMPLETE PACKAGE

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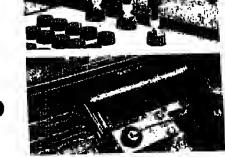


RILEY



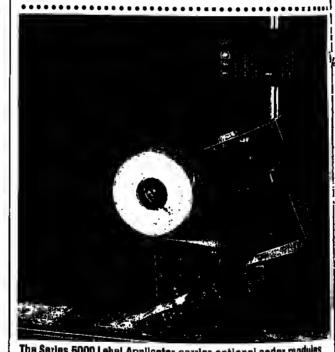
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Doboy



SIG Packaging Tachnology (UK) Limited, Meteor Centre, Manafiald Rd, Derby DE21 4SY England. Tel:0332 626262 Fax:0332 626288

Cell on 0839 772288 or enquiry number K9-410



The Series 5000 Lebal Applicator carries optional coder modules

Labels held in memory

Series 5000 Label Applicators with optional coder modules will be shown by Weyfringe Labelbing Systems Ltd. These allow label application parameters to be stored in the memory and recalled, obviating the need for trial and error adjustmenr of optical detectors and sensors when product changes occur.

Designed and manufactured in house, the Series 5000 ean be supplied for top, side wraparound and even recessed label applications, says Weyfringe (Longbeck Road,

Marske, Redear, Cleveland TS11 61-1Q - tel: 0642 490121, fax: 490385).

The Quattro RT labelling system will also be on display This system prints and applied labels with the last label print ed applied facility allowing each product to be automatieally labelled with unique information. Text barcodes and graphic designs can all be printed by the Quattro RT. Stand: 530

PPMA BRIEFS

agent for Serac will demonstrate the exhibiting a Marcheslo its sent automatic weigh-fill Model ML615 continuous system the gravimetric 2229 pachine and an 'acid version' which all parts are made of pro. Both machines are dealgned for shorter runs and specialised reduction, says E&B (tel: 042) 82421, fax; 98193). Stand, 4620

mann & Buckham, UK TMB Packaging Systems Lide motion rotary filling machine with speeds of up to 400 bottles a minute. The machine is representative of the latest range of automatic rotary filling and capping machinery (tel: 0525 378190, fax: 850560). Standa: 3620, 3640

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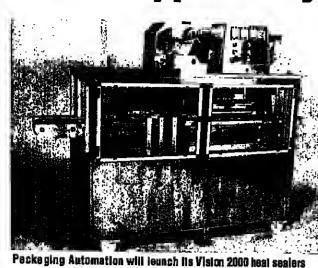
Domino UK 11d, Bar Hill, Cambridge CB38TU Telephone (0954) 782551 Telev: 8(8784 Fax: (0954) 782874

Automatic heat seal equipment which is said to take ready meal production a step further, will be launched by Packaging Automation Ltd.

Launched under the Vision 2000 series name, Packaging Automation helieves the machinery will offer food manufacturers the opportunity to buy British designed and manufactured, high precision equipment for the first time.

A variety of models provide eapacities from 20 to 80 packs a minute. Vision 2000 incorporates advanced features which will set new benchmarks for the heat seal industry, says Packaging Automation (Montgomery Close, Parkgate Industrial Estate, Knutsford, Ches WA16 8XW - tel: 0565 755000, fax: 751015).

Joining the Vision 2000



ment for specific needs.

Stand: 4660

equipment on the stand will be machines are available for sale the larest in controlled atmosor hire from the company as well as special purpose equip-

phere packaging from the company, the 20-16 CAP machine. The new unit has an antomatic rotary table.

Standard or customised

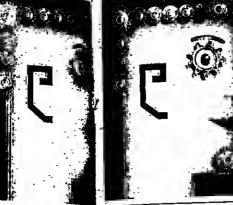
time in the UK will be the Schubort SNC-S4 programmable pick end place robot with vision system, working on the stend of agant Systam Packaging Ltd (0924 364844). It will bo shown linked to e Cavanna Logica pillow pack mechine. tand: 1450

CLEAR DISPLAYS certying mate termetion than previously feeu checkweighere, shown tor he tirst time outside Jepan by kormen Promac (9932 789648). Olfferent weight ranges and accuracy ere evolleble in modols for food, pharmaceuticels and other and useo. Stand: 5600

A PRINT AND APPLY lebeller from Pago Ltd will be emong quipment shown for the tirst time. The Pegome 1 10/125E will Improve response to Just in time regulrements, says the company (0206 954996). The 100 TEC high speed carton lebeller will be chown in a compact version.

THE TYPE 8 travereing prinihead system from Video)et Systems Internetional (0920 468443) will be demonstrated with the Excel 170l Ultra ink)et printer. The ture on the letest renge of Anrit- Excel HR (High Recolution) print- stock, says Pinawood (1982) er will be shown coding cheracters down to 0.79mm height.

> LASEL PRINTING machinee shown by Pinewood Lebel Systems Ltd tor the tirst time to the - cen ha scanned by the left Industry Include the Cobra thermel tranefer printer, evelleble in online po and standelone verelone, and the RBC-40, which combinee printing end lebel out- Stand: 4650



ting from plein sell adjects. 243724).

DATA MATRIX codes - 2 mg; D mark sald to hold more inmetion than treditional bank Metrix Reeder, available for Aculty Imaging 11d (0208 639609). Other Industriel the systams will also be show.



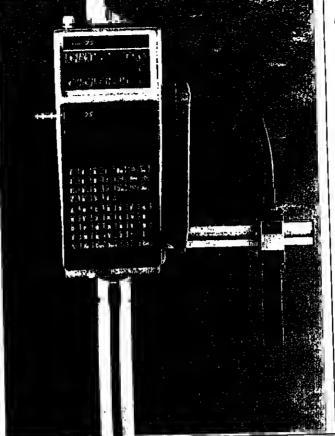
inkjet

The latest technology from Imaje to be demonstrated ar the show will be the Series 7S inkjet printer, with its options of input through the integral operator interface or handheld

All simple routines can be handled from the operator interface, which uses clear written messages for selection. The removable terminal complements this by allowing for other rasks such as message editing. Messages can be seen full size on the wysiwyg display, whatever the combination

of text, barcodes and logos. Up to four lines of information can be printed with the single head version, and eight with the twin jet. Since text or graphies can be positioned anywhere within maximum character height, the operator can seleer the most suitable format and line spacing.

Other features include automatic start-up and shut-



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detector

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mology and the latest ECW910

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ECW920 EU approved unit

will be unveiled by Ramsey

Process Controls a division of

Metalscout II offers easy

calibration and the improved

Autolearn technology means the

detector automatically not only

learns the product effect and sets

the sensitivity level, but also

automatically adjusts in cases of,

for instance, high moisture con-

tent, says Ramsey (Swift Park,

Old Leicester Road, Rugby,

Warwicks CV21 1DZ - tel:

For further K9 Call for details

0788 536960, fax: 536980).

Stand: 6630

Thermedics UK Ltd.

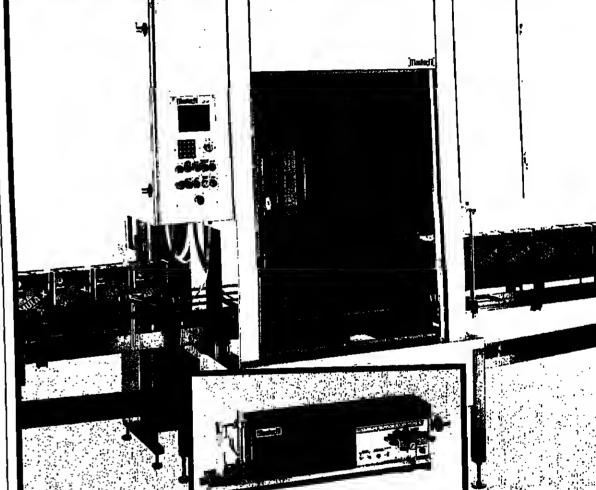
The Series 78 inktet printer: ontions of input through the Integral operator Intertece or

the hendheld terminal

down, auto-diagnosis and troubleshooring, automatic rinsing, flushing and nozzle unblocking and jet speed control, says Imaje (Imaje House, 732 Lightfoor Street, Hoole, Chester CH2 3AD - tel: 0244 350732, fax: 350737).

Printheads can be offered at either 2.8 dots a mm or 4.5 dots a mm resolution, with print speeds of up to 4.4m a second. There is a choice of II languages for dialogue between operator and machine. The Series 7S is based on the already established Series 7 range.

Stand: 5560



Handling extra demand

A Twinpack fully automarie handle applicator will be shown for the first time in the UK on the stand of the Italian company's agent Actna, along with a Robopae stretchwrapper and other equipment from the Aerna group.

The Twinpack applicator, which can run inline with a shrinkwrapper (see PN June '74) is gaining acceptance io the UK as demand for handles increases, says Aetna, which is also a distributor of 3M tapes.

Robopae's 1515 Logic pallet stretchwrapper is equipped with electronically adjustable power pre-stretch and six preprogrammable wrapping

eycles. The entire range has been redesigned with digital controls for ease of use, with this model also offering maximum film economy, says Aetna (Greensbury Parm, Bolnhurst, Bedford MK44 2ET tel: 0234 376744, fax: 376787).

This year, the company will show the Dimac Starfilm MS single film roll cut and wrap continuous shrink wrapping machine. Like other machines in the Dimac range it is said to offer simple technology, ease of access and operation. Stand: 4450

Self-checking detector

On the Lock Inspection Sysrems Lrd stand will be the MET20 range of microprocessor-based metal detectors.

The MET20 operator interface is said to be easy to use. Details of up to 60 different products can be stored on the system, which has a continuous self-checking feature.

Checkweighers shown will include the CKA20 waterproof and CK15L units. Accuracy on

these machines is within ± on products up to 5kg.

The Ultrascan automatic xray based inspection system from Luck (Neville Street, Oldham, Lanes OL9 6LF - tel: 061-624 0333, fax: 061-624 5181) is said to offer accurate contaminant detection at a high pack throughput rate. Stand: 6340.

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Advanced vertical bagging

machine for substituting the forming tube or changing film. "The electronics of the FIS6 are particularly advanced," says Noel Kelly at Notem. "Apart from controlling all machine functions, they provide full diagnostics for fault finding. This is linked to a 'talking' warning system. Dosing syshigh speed vertical tems to complement the HS6 include Simionato's own series bagger from Italian of pneumatic or servo-operatcompany Simionato will be exhibited for the first ed multihead weighers.

Also shown by Notem time in the UK by agent Notem Packaging Technology. (Millshaw Park Avenue, Leeds LS11 OLR - tel: 0532 Size changes can be made 779504, fax: 760557) will be quickly and without tools on the Mach 200 flow wrapper the HS6, which can produce from Otem. The electronicalpillow packs up to 300mm ly controlled wide-width wide and 530mm long. machine can wrap up to 160 Speeds can be up to 130 products a minute.

Products up to 400 x 400 x 100mm high ean be wrapped ucts can be held in the on the 200. The machine is all stainless steel in construction. Up to 50 different product settings can be held in memory. Stand: 1180 time can be instantly recalled,

per is designed to incorporate

easy changeover, says Wrapid (250 Thornton Road, Bradford, West Yorkshire BD1 2LB

- tel: 0274 722920, fax: 736195).

Since the machine uses a continuous side sealer, product length is not limited by the length of a sealing jaw, which ninimises film usage.

Shanklin's latest multipack-

ing infeed with the F5B fully automatic horizontal ffs wrapper

with speeds of up to 75 packs a

minute will be on the stand. The

multipacking infeed allows

wrapper suits diy

packs a minute.

Up to 100 different prod-

machine's memory, so that all

machine settings including bag

length, print registration, seal-

ing jaw temperature and dwell

or altered via the vdu screen.

A compact form fill seal wrap-per, the Shanklin CF3, will be shown by Wrapid Packaging Systems Ltd. It can handle even wider and higher single or mul-tipack sizes than earlier models which makes it suitable for random length products, in particular for the diy industry.

irregular shapes to be handled. Stand: 5650



Use of EDL stretchwrapping technology gives e tighter pack

Stretch and shrink for ice cream tubs

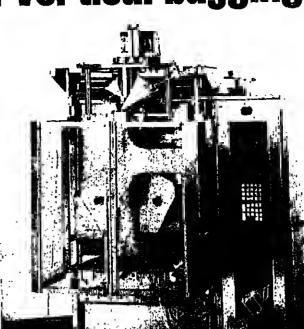
A stretchwrapping and shrink tunnel combination on its way to ice cream manufacturer Ben & Jerry's in the USA will feature on the stand of EDL (Packaging Engineers) Ltd.

Consisting of a stainless steel flight bar stretch wrapping machine, a perforator and low energy shrink tunnel, the system has to operate in temperatures as low as -10deg C. EDL has worked with Ben & Jerry's to solve problems associated with the shape of the tubs, the unsuitability of more powerful

shrink tunnels and the need to be able to split collations.

Use of its stretchwrapping technology gives a tighter pack, says EDL (Upcort Ave, Pottington Industrial Estate, Barnstaple. Devon EX31 1NE - tel: 0271 45351, fax: 72880), and means that a low energy heat tunnel is adequate. This is also less prejudicial to the chilled environment. The system will achieve 15-20 collations a minute. Stand: 1400



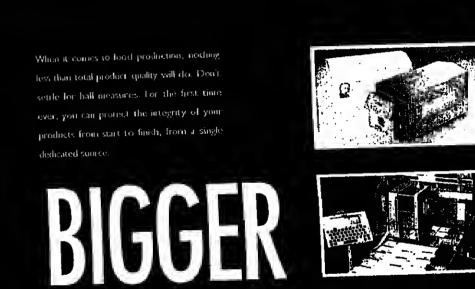


Simionato'e HS8 verticel bagger: particulerly edvenced electronics



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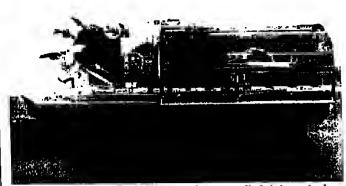




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Integre mep machine from the Flowpak renge: all aleluiess steel

Vertiflow, a range of vertical ffs machines, and two Flowpak lurizontal ffs wrappers, form part of the machinery to be shown by Rose Forgrove and other divisions of the Howden

Packaging Equipment group. Vertiflow can offer microprocessor controlled packaging

for frozen foods, granular, liqtild or semi-viscous products along with pharmacenticals

Four machines are offered, with outputs of up to 100 a minute and ranging from a simple, mechanically contrulled model to machines

capable of full integration with turnkey systems.

less maintenance and cleaning downtime is reduced, says Howden (Kenmore Road, Wakefield, 41 Industrial Estate, Wakefield, W Yorks WF2 OTU - tel: 0924 825800, fax: 825507).

The Integra map machine, from the Flowpak range, is now made completely of stainless steel, which will allow it to be used by companies in the meat and cheese inclustries. Rose Forgrove will alsn

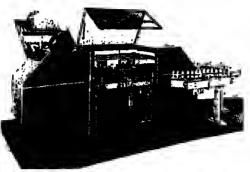
slinw its Mid Range bagger, which is designed to meet a gap in the market between top of the range fully automatic machines and hand baggers. Stand: 3550, 4550, 5110



The latest version of the package fillers using multiple Hoppmann FL-100 Linear Feeder will be on Simplimatic Engineering's stand along with its Simpli conveying systems. Hoppmann FL-100 is

The Hoppmann FL-109 Linear Feeder from Simplimatic

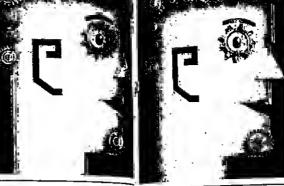
designed to meet the needs of



plastics bottle shapes and sizes in shorter production runs, particularly in the personal care, household products, oil packaging and lower-volume food and drinks markets.

It seatures fast, simple changeover in less than 15 minutes and can unscramble, ori-

ent and feed Operating at speeds of 5 to bottles rang-100 metres a minute, the Simpli-range of conveyors are designed to handle individual items to complete pallets. h 305 mm high includes roller, slat, mattor, at speeds of belt, chain, air vacuum presbetween 20 and 180 botsurcless combiners and parallel transfer units. Stand: 2510 depending on For further K9 Call for deta Information 106 0839 7722 the applica-



Worcester WR3 8H - tel: 0905

454598, fax: 454823),

multihead weigher, the CCW.RZ.214, which Loffers improved performance, reduced downtime through simplified cleaning facilities and specially designed user friendly control systems, will be launched by Ishida Europe Ltd.

An Icon driven display has been introduced for case of operation. Progression through he various information and operation screens is made by outhing the display screen.

pins Packag-

ry decoration

sleeve labels

in response to the weight of the product, says Ishida (Crystal Drive, Smethwick, Warwick, W Midlands B66 1RJ - tel: 021-541 1441, fax: 021-544 4659).

1000.0g

Software has been devel-

oped which enables hopper

doors to be held open while on

the weigher, for easy cleaning.

All hoppers and radial feeder

Options include a pneumat-

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low cost tam-

oring sophisti-

cated sleeving

technology

reach of smaller manufac-

turers with slower pro-

ic infeed chute which operates

troughs are interchangeable.

Continuous motion

A Primary sleeve labeller, which is claimed to be the first contin-

yous motion sleeving unit, will (Kennedy Way, Clacton-on-

be unveiled by the Sleevit divi- Sea, Essex CO15 4AB - tel:

sleeving unit first

and merge handling technology Stand: 120 allows sleeve application to containers with a diameter of

PRICKLY

Stand: 4130

Friendly multihead | Hygienic slatband conveyor

Designed for use in ice cream plants in Europe and the USA, slatband conveyors from Gramae may be used in other food applications where hygiene is paramount importance.

The conveyors are totally hose proof, offer clean line dead ends for safety and include raised carrying strands for cleaning in situ while the return strand is totally protected from spillage, says Gramue Mechanical Handling Lid (Plumpton Ruad, Hoddesdon, Herts EN11 0ED - tel: 0992 444211, fax: 446539). Stand: 1100





Asimilar additional and a supplication of the control of the contr (form) Store (form)

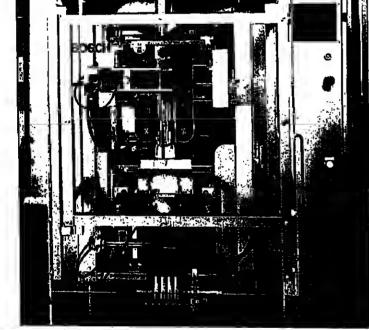
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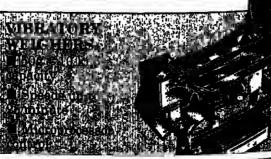
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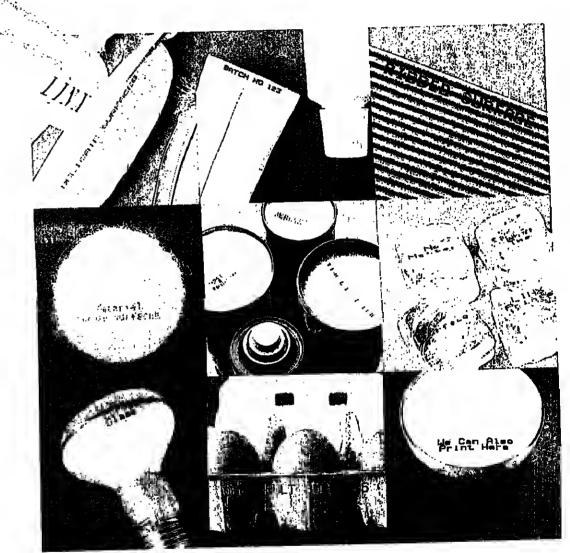
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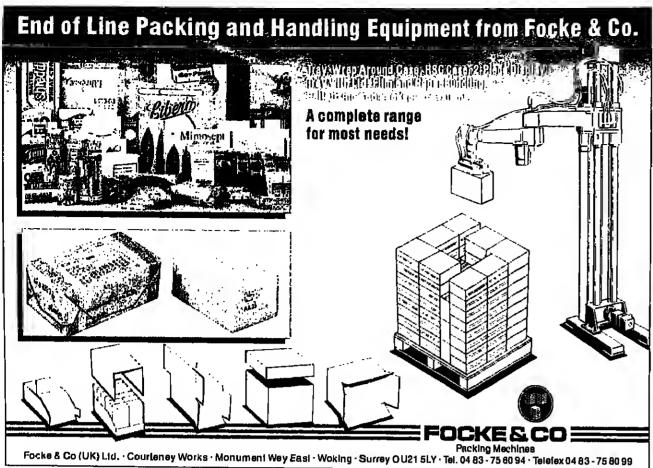
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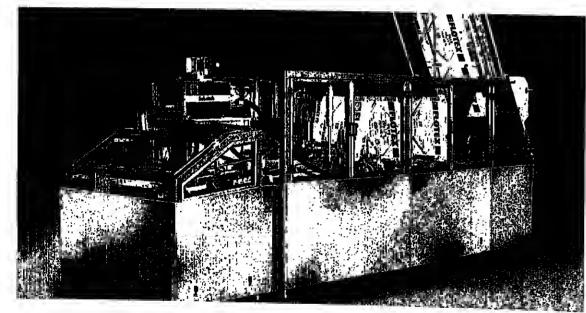
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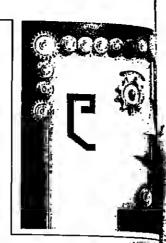
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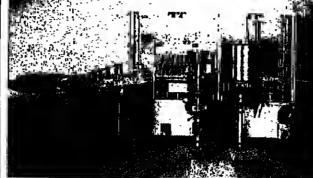
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Fill and seal in sterile areas





Robert Boech Packeging Machinery's compact MLF 3002

Filling and sealing for pharmaceuticals will be demonstrated on Robert Bosch Packaging Machinery's compact MLF 3002 for the first time in the UK.

Suitable for installation in sterile areas or for total isolator technology, the MLF 3002 uses a linear construction to fill and seal vials and small containers between 0.5 and 100ml at speeds of up to 120 a minute.

Applications include the insertion of rubber stoppers, drop applicators and/or spray pumps, aluminium overseal eapping and screw capping. For ease of size change, clip-on size parts are featured and changeover is automatic. Inline filling uses the established 3-piece pump system from Bosch (Invincible Road, Farnborough, Hants GU14 7QU tel: 0252 517821, fax: 518478).

Also having its UK debut is the CUK 3070 continuous motion eartoner. This will work at speeds up to 160 cartons a minute, and will l shown cartoning trays of bis cuits. Carton dimensions range from 34 x 15 x 64mm to 150 60 x 260mm.

"For thinner cartons"

There is a range of infeeds, coling, printing, cheeking and closing options and, says Bosch, even thinner tecycled board cartons can be handled The cartemer will be shown in combination with the KWE 3000 A checkweigher, featuring a fast-acting compensationed and microprocessor control.

Bisuits in stand-up bag will be shown packed on the high-speed Transwrap SYK 2500 A machine, which will bag product at up to 160 pad

Stand: 3500

Robot with racetrack infeed

A first showing of the ER30 robot together with racetrack product infeed is planned for the Cermex stand, with the system reaching speeds of up to 600 individual flowpacks a

biscuits, bags of confectionery, blister packs and a variety of plastics and glass bottles are all currently being successfully packed using this robot, says Cermex, with appropriate infeeds. Advantages of the sys-

tent include its ability to hand otherwise difficult produc shapes and flexibility between products. Size change is easy and quick, says the company (PO Box 12, Huntingdon, Cambs PE18 6EF - tel: 0480 455919, fax: 451520).

Also on the stand will be an automatic side loading casepseker said to be ideal for slower running lines demanding automation, where floor space is limited. The plc control canbe linked to a central management information system.

Case erectors, a varie casepackers, tray erectors and packers including wraparound traypackers, lidders and palletisers will all be featured. Stand: 1030

PPMA BRIEFS

SHRINK SYSTEMS from Italian menufacturer italdibipack, lecluding the "Eco" low energy sumption hood-typa systam for the first time in the UK - will be shown by Sontex Mechinery Ltd (0274 872299), along with

with principal John Quinn

(Peckaging). Stand: 220

AMONG EQUIPMENT on the Adpak stand will be a range of flowrap systems including feat tures such as slat conveyors and prelebelling end hole punching of materials. Machinery from Italian manufacturer Montpek, for which Adpak elaeve wrapping end ekin end blister systems, in conjunction (0282 426848) is the exclusive UK distributor, will also be ru ning. Stand: 810.

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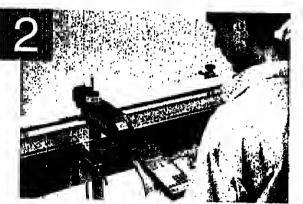
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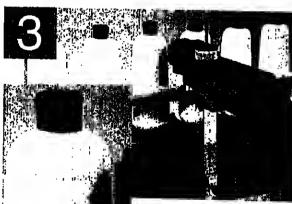
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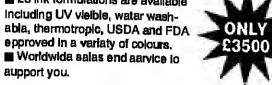
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Less film, tighter wrap

Shown for the first time by Newtee UK Lid will be a stretch/shrink rightwrapper addition to the Inpac range, along with the Octopus Genius pallet ring stretchwrapper at its first UK exhibition.

Replacing an earlier, less efficient machine, the intermittent motion Supa Nova uses less film to produce a tighter pack when the tightwrap module is used. While the machine can run faster, at up to 30 multipacks a minute, airflow in the tunuel means that it is 40 per cent more efficient.

Pneumaties were worked on with Festo, and the machine can provide a snft start/stop for delicate product. The sealing elements are integrated into the jaw to give an "almost invisihle" weld, says Newtec.

The high eapacity model of the Octopus stretchwrapper -Haloila's Genius - will wrap up to 80 pallets an hour with a top sheet and 120 without, says Newtee (Unit 4, Great West Trading Estate, Great West Road, Brentford, Middx TW8 9DN - tel: 081-758 9000, fax: 081-847 3613). Stand: 3650

An overwrapper developed in

Germany to replace shrink or

stretch film with kraft paper

for collations of cartons, so

providing a mono-material

pack for distribution, is being

launched by Sussex & Berk-

The Paper Bandroll PP6-54

machine can operate either

with trays of cartons, or, with

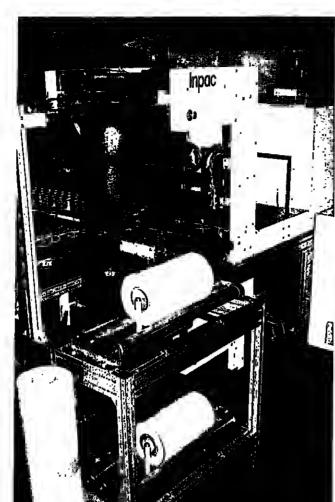
the addition of a standard col-

Inting station, accept packs

Trays or unsupported car-

direct from the carroner.

shire Machinery at the show.



For further 118 0839 772289 Newter UK Ltd's Innec Supa Nova tightwrapper in a prototype model

Overwrapper Collates with kraft

tons are moved forward

through a curtain of kraft paper

which is drawn tightly round

and sealed at the back, close to

The paper overwrap can be

the base, with hot melt adhesive.

in the form of a simple sleeve

or, via a further fold tuck and

gluing station can be finished

into an envelope fold at the side.

so providing a fully enclosed

time by S&B (Blacknest,

up to 15 packs a minute.

distribution pack. It operates at

Also shown for the first

robot arm palletiser

High speed

A range of fast robot arm pdletisers will be introduced by Morray Engineering along with a high speed sewing head for use by food packers.

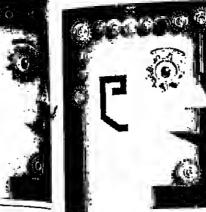
The Fuji AC palletiser, dis ributed by Morray in the UK is said to take up the same space as the Fuji Ace, also from Fuji Yusoki in Japan, bu wi work at almost twice the rate The range is now more exersive than any comparable range in the UK, says Morray.

Capable of palletising of depalletising up to 1100 mis an hour, the AC include upgraded serve motors and smoother operating robotics.A job changeover can be programmed at the touch of abutton. Bags or boxes of up to 200kg can be placed within

accuracy of up to Imm. The competitive price og 0420 22669, fax: 22687) is the also brings robot arm palleusing within the range of many for food packaging.
In addition, S&B will be companies up to now using alternative methods, says Mor staging the first UK demonstraray (New Walthambury tion of the BPR Blisterpac House, Anglia Way, Braintree, Essex CM7 6RG - tel: 0376

> 322722, fax: 323177). Sewing speeds of up to 25m a minute are possible with the DS-9 Newling head.





A choice of heads

ne of the machines to be displayed by Ward Beeker Systems Ltd is the MMt212S Compact Multihead. On show for the first time, it offers the option of 10, 12 or 14 heads and embodies many features borrowed from its larger multiheads such as long life pneumatics, IP 5 protection and all-stain

less steel construction. It also includes features such as pressurised heated weigh head assemblies, integral electronies, lift off contact parts enclosed body work design, pe product control flaps and a compact size.

495093) says it will also be showing its quick drying Linx Marque 301 ink. It is MEKfree to prevent the risk of odours tainting food or phar-

maceutical products. In addition, it will demonstrate a specially developed vellow MEK ink for applications where print is required on a dark surface.

Linx (Burrel Road, St Ives, Huntingdon, Cambs PE17



FLEXLINK; the plaetice ohein ora and the latest series C 0908 210222, tax: 818717).

> AVERY DENNISON'S range of tully autometic leballing systema will be presented at the show, including the Rotory 350. Also syalishis will be en ALS 200 Meinline Lebelling System ideal for short production runs

recent developments in its renge of metal detectors and checkweighara. Letest digitel electronics controlling the company's metal detectors will be displayed. Also on ehow will be Cintex's (tel: 0753 885281, fex: 848148) new eutometic Selt-Teat Sytem for use on inaceesible ffe detectors. In addition, checkwaighing systems for products weighing from a few grama to 50kg willbe shown.

The machine is aimed at the 2gsm to 1kg weight range where small size combined with high performance and elose accuracy is a common requirement, says Ward Spring Lane, Malvern, Worcs WR14 1AJ - tel: 0684 565566, fax: 565553).

Other machines on the stand include a 414 two-tray linear weighing machine, which adjusts the machine settings during running to give better accuracy and is ideal for small to medium users, the induction drive filling machine and V50/V100 vibratory feeders. Stand: 1120

For further K9 Call for details



Odour-free coding

The latest range of continuous inkjet printers and inks will be exhibited by Linx Printing Technologies ple at the show.

In operation will be the Linx 6000 and 4200 printers. The company says they are particularly suited to last moving production lines and are capable of printing up to five lines of print and characters of 0.8mm to 25mm in near letter quality at up to 6.8m a second.

Stand: 3140 For further K9 Call for detail

conveyor systems marketed in the UK by SKF Automation Systems Ltd will be at the show. Avelleble tor the first time will be a brand new cetelogue tor Autometion Components, examples of XW wide chain conveyconveyor for use in dusty or wet ecylronments, eays 8KF (tel: Stand: 2160

UNITED PACKAGING PLC WILL be exhibiting its Pal Wrapper 3000 turntable wregger featuring the OptiMiser PPS fully verieble power pre-stretch eystem. In eddition, the Rotarep reel Overwrapper for wrapping reels of converted film at beach height will be shown, says United (tal: 0274 862618, tex: 851020). Stand: 8020

end frequent changeover ot products, saya Avery Dennison (tel: 0628 8596500, fex:

PRESTEK LTO will show its range of coding and labeling equipment, including its Smart Date thermal transfar overprint er. Also on display will be the Cimjet end Cimpek print end apply lebellara tor tra end peliets, saye Prestek (tel: 0602 253220, fax: 430153). Stand: 4100

CINTEX LTO will demonstrate Stand: 4300



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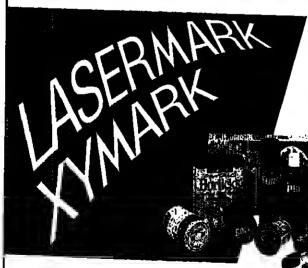
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Stand: 3000

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sary of its operation in the UK, lggesund Board Sales Ltd is hosting a seminar on 13 October entitled 'Paperboard 2019 the next 25 years'.

At the same time, parentcompany MoDo has auuounced a major capital investment programme for the Iggesund Bruk mill, an extension to lygesund's range of textured paperboards, and the launch of a new paperhoard for the tobacca sector, to meet industry demand for high performance but low bulk packaging materials.

The £56 million spend in Sweden will involve rebuilding the KM2 hoard machine, modernising the finishing department and the creation of a fully automated finished products warehouse. The project is expected to be completed by the end of next year.

Five key objectives are behind the latest investment. To improve the quality of eurrent products, to introduce new ones, to increase production eapeity, to improve the distribution service and to reduce costs.

Up to five layers of coating will be produced on the re-built machine - an industry first, says the company (UK: Sunningdale House, 47 Caldecotte Lake Drive, Caldecotte, Milton Keynes MK7 8LF - tel: 0908 640123, fax: 640202). The investment will also take the company into the super-glazed sector of the market, Iggesund Bruk having long been a producer of matt

around 500,000 tonnes, of which 190,000 can be produced

> the new board, which will be latinched at the Tabexpo exhibition in October, following a pan-European promotional campaign entitled 'A touch of silk'. It is said to extend the company's range of tailormade virgin fibre boards for the tobaceo market.

> ton mill in Cumbria, the folding box board combines a low 200gsm grammage with a silky smooth printer surface and high bulk construction. The result is a durable prodity print results while offering als savings.

Tabae-Silkia is the result of joint development work with the tobaceo industry. The growth area is hard packs," says Carlo Einarsson, business are manager at Iggesund Paperhoard, "but the overriding concern within the industry is to downgauge the packaging materials while maintaining performance and presentation quality."

hoard for covers and cards.

To celebrate the 25th anniver- A Touch of Silk: leunch image at Workington. Tabae-Silkia is the name of

same sur-

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teristics on

both sides

duced, and a

lightweight

but durable

prnduct

where cost is important, will

Quality adhesion for chilled wines

also become available.

Produced at the Workinguet which provides high qualconsiderable cost and mater-

The extension to the effects available in the textured paperboard range - called Grass and Sand - are now available on Invercore solid bleached board and nn Graphique-Silkia, the new high bulk, multi layer box

 Applications to attend the Paperboard 2019 seminar, for which entrance is by ticket only, should be made direct to the company.

The project will increase quality paperboard. the mill capacity by 50,000 Equal-sided paperboard tonnes to 310,000 tonnes a will be another development area where boards with the group's capacity as a whole to

Lakewood Vineyard & Winery in the USA has chosen Spear reverse primed labels for its Sauvignon and Bordeaux wines because of their resistance to the chill cabinet and ice bucket environments where the label conserves its quality appearance and adheres to the bottle.

The labels have won the eompany a number of packaging awards this year. In addition, Budweiser Ice Draft turned to US Labelling company Spear (European agent, Margaret Jorein, 11 Square Vietor Grignard, 77410 Claye Soudly, France - tel: 010 33 1 60 26 19 62, fax: 60 27 08 99) for

cost-effective no-look labelling. Spear was initially required to supply 500 million label sets at short notice for the produet's launch. The product reached the top 10 in its first full week of national distribution and a 2.4 per cent share of beer sales in the USA.

Spear recently supplied United Glass in the UK with no-look labelling machinery,



making it the first UK glass ing News April). container manufacturer to

offer this service (see Packag-

For further (3) Call for details information 139 0839 77228

2422, fax: 081-332 0939). "We are looking forward

On board for

a successful

Latest in the first of industry

suppliers to sign up for partici-

pation in the Packaging Focus

Sea Princess event later this

month are Smurfit UK, SCA

Packaging, Polbeth Packaging

Running from 22 to 25

September, the event has

already attracted over 200 dele-

gates, with 17 exhibitors. Over

the two days and three nights

at sea, delegates will be able to

plan their own balance of busi-

ness meetings, conference and

workshop sessions, says organ-

iser Richmond Events (Lon-

don House, 243-253 Lnwer

Morilake Road, Richinnud,

Surrey TW9 2LS - tel: 081-332

and Marchmont Packaging.

sea event

to presenting our various companies' products to the key buyers who will be on board," says David Austin, executive vice president of Jefferson Snurfit group.

The list of exhibitors at the time of going to press was: CMB Foodean division, Data-Colour, Fuji Seal, ICI Melinex, Lawson Mardon Plastics, Lawson Mardon Fibrenyle, Marchmont, Polbeth, Pira, PP Payne, SCA, Smurfit, the IOP, TNT Materials Handling, Tungate Firms and Labels, Van Mierlo

Proost, Walmsley. Keynote presentations nclude overviews of the industry, consumer packaging, costs and benefits of environmentalism. Workshop sessions will include analysis of price trends for the different materials.

Flashing metallic hairspray cans

A relaunch of hairspray in tiuplate aerosol cans with striking graphics has led to a leap in sales for Finnish cosmetics and toilerries company Berner Oy. Berner wanted a younger appeal for its XZ range of three hair products, and went to its sole supplier CarnaudMetalbox (CMB) Acrosols (UK) ple for a solution. The answer was a combination of metallic flashes and coloured panels on a pearlised white background.

The cans incorporate Ferrolite dames, with the body in metal/polymer laminate. Printing was carried out offset lithn in 12 colours to make the most of the reflective surface. The Normal, Fast and Extra Past variants are packed in 250ml cans.

Shelf impact is maximised, while the three variants in the range are differentiated by nieans of the coloured panels.

The laminate does not use vocs in its manufacture, stresses CMB, avoiding the need for coating in the canmaking process. The material is much more resistant to scuffing than conventional coated eans, says CMB (Oddicroft Lane, Sutton-in-Ashfield, Norts NG17 5FS - tel: 01623 555555, fax: 440125).

In the six months following the relaunch, research has shown that the hair products shifted from eighth 10 fourth position in Finland in terms of unit sales. The enmpany has a range of products from shampoos to styling aids. CMB



Aerosols is currently working on converting the majority of the aerosols it produces to

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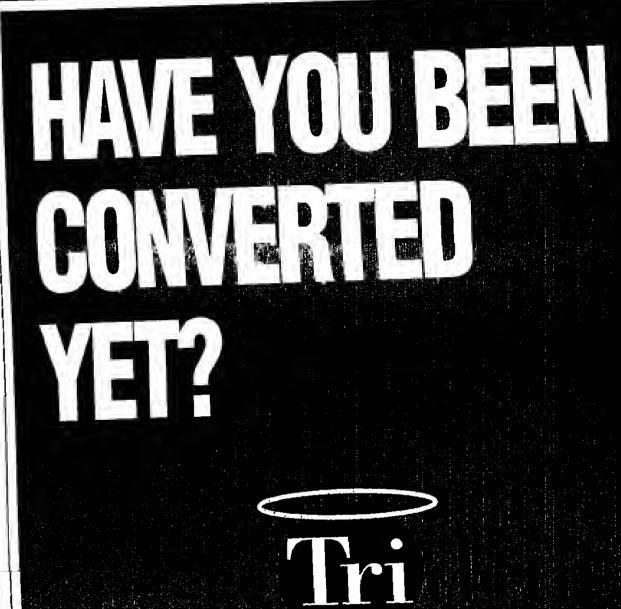
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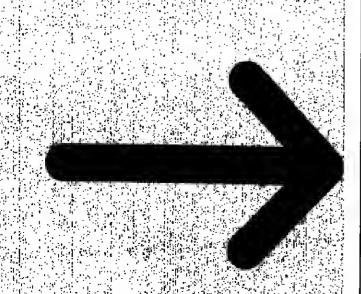
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Closure opens more easily

PP28 Clic-Loc is a tamper evident, child resistant closure (erc) which will be available in the last quarter of this year, and is the result of a combinaion of technologies from two CamaudMetalbox companies.

The elosure features existing Clic-Loc technology from United Closures & Plastics (UCP) plus the addition of siser Carnaud Metalbox company Astra Plastique's Vistop tamper evident band concept.

To meet the needs of the pharmaeeutical and healthcare markets which require both features, the closure will suit the PP28 (GF304) neck finish which is the most widely used throughout Europe, and will be approved to BESN 28317 (1993).

UCP has included design recommendations to improve openability for adults, including increasing the depth of the closure to improve patients' grip. The closure is also said to benefit from patented ere tech-

A one day course which aims

to identify the challenges fac-

ing the purchasing function

and underline its role in sus-

taining competitive advantage,

has been organised by The

British Production and Inven-

Loc mechanism has been

PP28 Clic-Loc is a temper evident and child resistent closure

nology developed for Clic-Loc III, which aids opening.

The PP28 Clic-Loc is suited for use on liquid medicine products where eres will become mandatory in stages from January 1, 1995. To prevent caps 'sticking', the height

tory Control Society (BPICS)

Called Getting the Best

from Purchasing, the course

takes place at BPICS HQ and

fees are £275 +vat for members

of the Society and £325 +vat

for October 20.

increased, while the inner and outer Clie-Loc components resist product ingress, says the company (Salhouse Road, Norwich NR7 9AL - tel: 0603 423131, fax: 407942).

for non-members.

Registration forms are available from Julie Taylor, assistant secretary, BPICS (University of Warwick Science Park, Sir William Lyons Road, Coventry CV4 7EZ tel: 0203 692266, fax: 692305).

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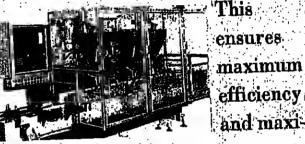
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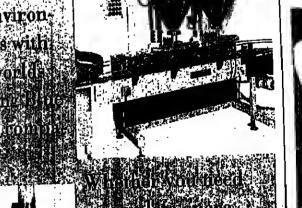
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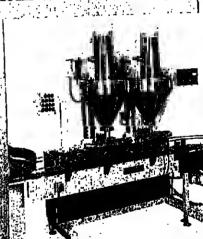
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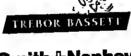


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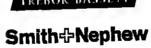
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Pitfalls and Weaponry

Tanks and less high-tech weaponry might seem to be rhe last thing that would attract a consumer to buy a bag of flour, Though the clash of supermarket tridlies may echo down the aisles, images of conflict do not usually stray omo the retailer's shelves in the West.

But in Lacs, southeast Asia, such themes are popular, says Judi Green, creative director at design consultants The Green she says, is typical of the chal-



Leos: this design salle flour

Flouse. This sort of cultural gap, lenge confronting marketeers and designers in the Far East,

In Thellend where on-shelf impact is a priority

and of the stimularing name of work in these countries.

Many design consultancies are considering expanding their area of operation abroad and the

There has been a growing influx of Western brands and while these suppliers can adapt their packs to suit this market, local manufacturers have realised that often the only way to compete

is to draw on the expertise of

lowed through successfully. can be on a grand scale - Thai biscuit manufacturer Khong

Guan has just repackaged over

20 of its lines - there are numer-

ous pitfalls for the unwary,

While colour code can cam subtle connotations in the Wes, in the Far East these associations can be much stronger. warns Mrs Green, it is vital to Black in Thailand and purplein appreciate the culture, business the Philippines are associated

Huge opportunities are opening up in the Far East for design and marketing consultancies willing to take the plunge. At the same time, Western brands are finding their own routes to these consumers. The Green House consultancy has been through the steep learning curve of working with Far Eastern clients.

with bad luck to such an extent that it would be an unforgiveable gaffe for a designer to even suggest their use.

Red is seen as a symbol of good fortune, and neither the manufacturer nor the consumer seems to tire of seeing it dominating packaging designs. On the other hand, imagery which is considered extreme or even shocking to Western sensibilities is ofren regarded as quite ordinary - and for good reason.

For instance, to return to the bag of flour from Laos, the symbols of warfare merely reflect how the country's history of unrest has finally percolated through the public consciousbecome everyday, evoking an

almost cosy sense of familiarity. But while this unfamiliar part of the world has its own individual and entrenched readitowards Western lifestyles. problems of UK brands pale cies that The Green House has

Because of this, designs which imo insignificance. epitomise the West-can carry a premium association. This Western eacher can have such a for the products themstrong pull on consumers that selves. Biscuits, for examthey are often ready to accept unintentional cultural gaffes.

For example, Cadbury's would be forgiven for using the normally taboo colour of purple simply because of the brand's international reputation and its brands available, the large familiar pack designs. One of the challenges for

agencies working in those countries where the traditional colour coding dominates, is the need to create points of differness. Military images have ence without departing from that basic coile of, say, red for good luck. One pressure bringing local producers to employ Western consultancies is the need to combat a scale of copytions, it still nurtures aspirations car branding which makes the

not only for colours but ple, are seen as typical gifts in Thailand, suitable on occasions as diverse as visits and weddings, says Mrs Green. This accounts for the vast range of consumer spend and the penetration of better known European and American brands at the

premium end. cy, language is another hurdle to jump, and the practicalities of proof-That and English for a sin-

gle pack have proved so difficult for UK-based translation agen-

Associations differ For a UK consultan-

reading texr in Chinese, Thellend's eppetite for blecuite is inexheustible

developed its own system which directly involves the client.

On the structural design side, the Far East covers a wide span of demands which relate 10 rhe varied economies and the climatic diversity of the region. Tins are a favoured form of pack in Thailand and its neighbours, since they are robust enough to withstand more primitive types of rransportation but will also perform well in the unrelenting heat and lumidity.

In prosperous Japan, a country which has established an entire economy on an obsession with technology, hi-tech gimmicks have great appeal.

Designs Lunched onto the Japanese market recently include beer with a novelty pouring spout which whistles when used, stand-up pouches with a foil laver which can be removed for heating in a microwave, and blowmoulded packaging reflecting the product it contains, for example an apple-shaped pack for an apple wine.

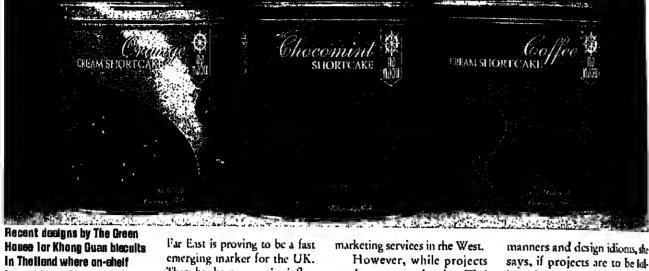
But the more sophisticated markers such as lapan and Houg Kong also have a bener developed service sector. The greatest opportunities perhaps for brands look-

ing ahroad and designers reaming up with local suppliers lie in such places as the Philippines, Thailand and Burma.

Understanding the Far Eastern 'code' and knowing when it can be broken involves a long learning curve for UK consultancies and it is a process which should not be dismissed lightly. "There are imminerable cul-

tural traps to fall into but this makes the challenge of designing in the Far East all the more intriguing," says Mrs Green.

The Green House is at 64 High Street, Harrow-on-the-Hill, Middx HA1 3LL - tel: 081-422 6178, fax: 081-864 8370.



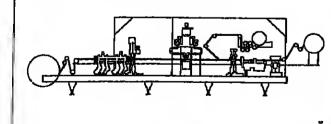
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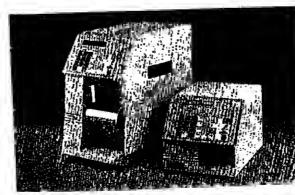
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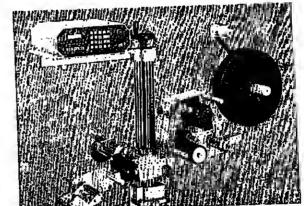


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£2.6m beer installation offers end of line choice

Flexibility is key to a £2.6 million beer houling line just officially opened at the Marston. Thompson and Evershed brewery at Burton on Trent, with a variety of products in returnable and non-returnable bottles and a choice of end of line reperations.

Central to the installation are a filler/erown corker from Klöckner Flostein Seitz (KHS) and Houft inspection systems. The Rolatronic filler operates on three phases: a slow start, fast phase and braking phase. Long tube filling is used to eliminate dissolved rexygen pick-up, says KHS.

crowning heads can run at

42,000 or 33,000 bottles an hour for 275ml and 500ml bottles respectively. Giveaway must be earefully monitored to stay within one per cent, or a fill height standard deviation of 1.5mm, Charles Reed, project manager of KIIS (021-744 9191), tells PN.

Henft's empty bottle inspector sits just before the filler, and will detect flaws in the glass at different heights and any solids or liquids in the bottle. The Spectrum BFS 60160 will inspect up to 46,000 bottles an hour. Other level detection and inspection systems on the line are also supplied by Heuft (0827 716511).

At the end of line, bottles

through a KHS Garant recrater, while product for the off-trade is channelled through a Mead cluster packing machine and/or a shrinkwrapper supplied by Kisters (0527 595795).

The Cluster-Pak CP760R from Mead (0454-320000) can wrap collations of four, six, eight or ten bottles and has, say the brewery's engineers, run without a problem since the day it was installed. Marston's is currently running it at a speed of 157 packs of four hot-

Other equipment on the line includes a Krones labeller not brought in for the installation - a KHS Omega Kaskana

bottle washer and bottle and crate conveyors plus control systems. The installation was managed by Elson Projects, part of Bl Industries (Elson

Pira guide to managemen

A Pira book, 1991

A Pira directory, 1994

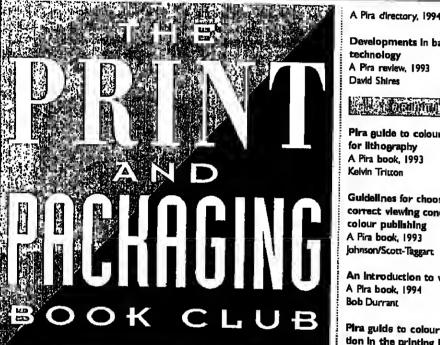
A Pira review, 1994 Harry 8 5mlth

Screen printing A Pira review, 1994 William Appleton

An Introduction to the

House, Crown Industrial Estate, Anglescy Road, Burton on Trent, Staffs DE14 3NX tel: 0283 500001, fax: 517178). The most involved

wide bottle, need take no longer than two hours.





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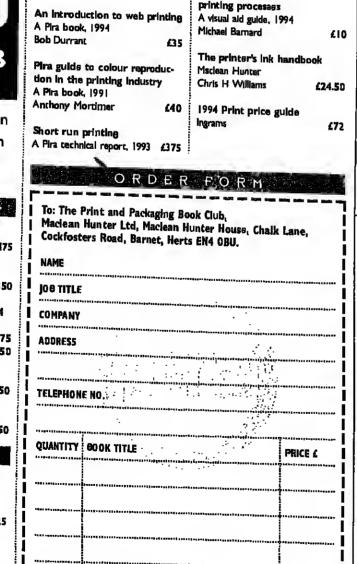
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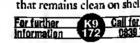
The 5kg and 10kg begs: kraft peper outer with a plastice hands **Carry-home cement bags**

Blue Circle has adopted special earry-home packs from AssiDoman Medway for the launch of its Mastercrete eement to the div trade.

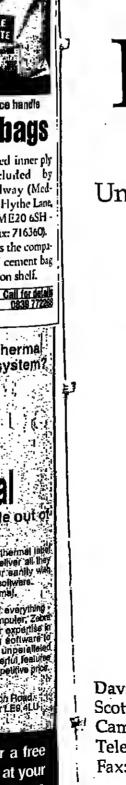
The outer structure of the 5 and 10kg bags is kraft paper with a sewn-on plastics earry-ing handle and stitched closure. To prevent the eement from puffing through the stitching

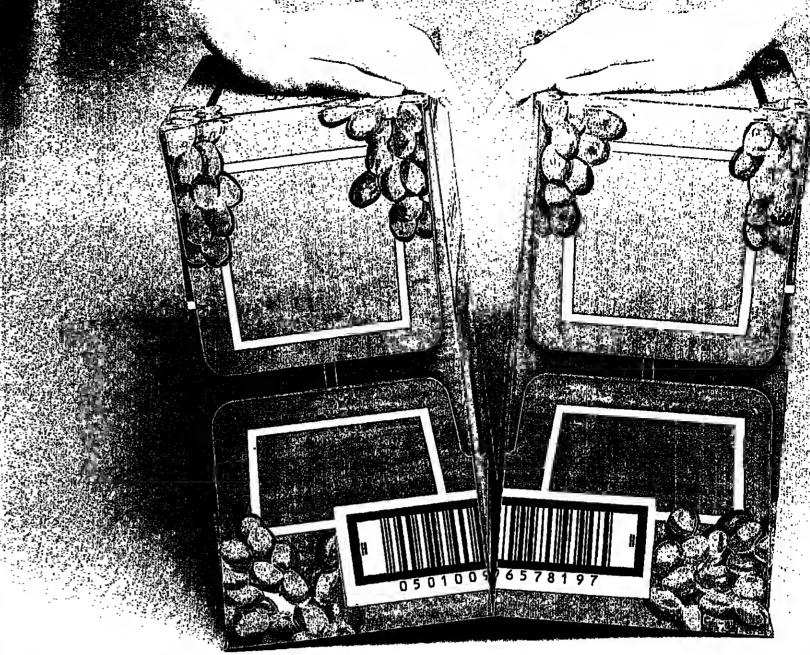
holes, a polyeoated inner pl has been included AssiDomän Medway (Medway House, New Hythe Lang Aylesford, Kent MÉ20 6SH tel: 0622 717855, fax: 716360).

The result, says the compa ny, is a leakproof cement bag that remains clean on shelf.







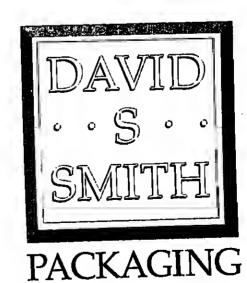


It's not half a good idea!

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Unilink is a unique pack that starts life as a, say, 12 bottle pack for ease of packing and transit. Then, for retailers, the pack easily splits into halves. Hey presto – two 6 bottle packs. Easy to lift and carry - meets EC regulations - and makes the HSE very happy!

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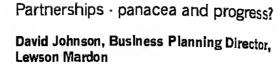
A strategy for the market of the 1990's

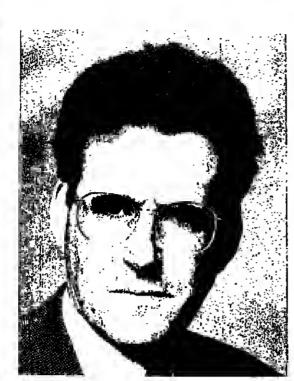
Victor Watson, President, Institute of Packeging, Former Chairman - John Waddington Plc



Facing the future - an insight into packaging industry trends

Brian Blunden OBE, Managing Director, Pira International pic





Packaging for the consumer

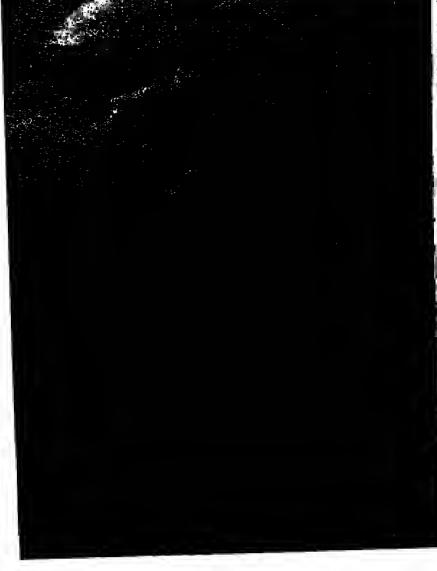
Paul McGowan, Head of International Research, The Added Value Company



Keynote Chairman:

Gerry Townshend, President, World Packaging Organisation





How this conference faces the future

packaging focus '94, on board the P&O ship Sea Princess from the 22-25 September, is not just another conference. It's a radical, 'new-style' of Event which takes a new approach.

Unlike most conferences, the topics and speakers at packaging focus '94 have been chosen on the basis of research amongst the delegates and will as such address those strategic issues most pertinent to their futures. What's more, the Event has been structured so that delegates can select just those sessions which are of specific interest, so there'll be no time wasting either

It's not just the style of the conference that makes packaging focus 194 so different however. It's the ability for delegates to set their own agendas which makes it so attractive. Indeed, in addition to the conference, the packaging buyers will be able to pre-schedule one toone meetings with some leading suppliers and choose to attend think tank groups, where they'll have the opportunity to discuss key issues with their peers.

By gathering together so many of the UK's top packaging buyers we aim to provide a catalytic environment where people can hear the latest industry thinking learn of new innovations and most importantly exchange and explore new ideas.

By taking part in such a forum, we hope that each participant will feel better equipped to face the future.

Workshops

Separate workshops will be held for different industry sectors including:

How to create innovation and benefit from technological developments in packaging

Food packaging

Richard Calder, Director, Interconsult Espena SL

Drinks packaging

John Thomson, Managing Director, Zenith Internetional

OTC and pharmaceutical peckaging John Parsons Managing Director, Slebert Head Tony Watts, Greative Director, Slebert Head

Detergents and household products packaging

Alan Bleke, European Packeging Development Menager, Procter end

Gamble SA

The environment at minimum cost and for maximum competitive advantage

画 The plastics industry Jim Pugh, Chief Executive, PIFA John Simmons, Managing Director, Recoup

The paper and board industry

Bernard Stonestreet, Director, British Fibreboerd Packeging Association

■ The glass industry Ron Cook MBE, Former Chairman, European Union for Peckaging and the Environment

The metals industry. Presenters: John May, Marketing Manager, British Steel Tinplate Alex Griffin, National Manager, ACRA

■ Partnerships panacea and progress? Alan Cooley, Consultant, PMMS Consulting Ltd. Packaging price trends

■ The plastics industry Rowene Mills, Chairman & Chief Executive, RMA

■ The paper and board industry Peter Ingrem, Marketing Analyst, Paper and Board Digest

Rowene Milis, Chairman & Chief Executive, RMA

■ The glass industry

Devid Baxter Senior Consultant, RMA

Packaging and the decision to buy
Peul Southgate, Chi I Trecutive, Wickens Tutt Southgate

echnologylinines ign-new horizons ony Bremner, Ednaulura, ABC

Packaging for an ageing population
Jane Moore: Project Leader, Consumer Concern, IGD
Ken Mulholland, Senlor Project Leader, IGD

Further information is available from Vički Morison». on 081-332 2422



packaging focus'94

22-25 September Sea Princess

Mortlake Road, Richmond, Surrey TW9 2LS





Thomas Ainscough joins Battenfeld Gloenco Extrusion Systems Ltd as the company's managing director. Andrew Barnes has joined as bluwn films sales manager responsible for the UK, France and the Benelux countries.

Richard Allen, former commercial director of Polheth Packaging Ltd, has been made a member of the board. He takes over as managing director fol-Itawing Ronnie Gray's move into the role of chairman.

Stephen Bnyd has been appointed managing director of the self adhesives manufacturer Samuel Jones & Co Ltd. Prior to this, he was the md of Sappi Specialities, the UK-based speciality papers company.

Barry Charpack has been made the director and general manager of St Neuts-based Charpack Ltd. He will be responsible for developing the organisation and handling further expansion.

Eddie f-lolt and Anil Puri have joined the board of Melton Medes Ltd, the industrial group. Mr Holt, a main board director, will head up the poly-

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A Subsidiary of I.Q.U.E. Group Holdings Lot.

Employment tremie in at leest one region - Mid-Anglie - heve been improving over the last yeer, reports consultancy Pertners in Recruitment (PIR). Government statistics give lower unemployment figures -9.4 per cent in Mey - and there has been an increase in the number of positions advertised in regional

Over the lest eight months in perticuler, PIR (0480 493344) has seen a distinct upwerd trend in demend for its recruitment consultancy services scross a range of market sectors. In its fourth year in buelness, the St. Ives-besed company is currently expending both its office space and staff numbers.

mer division and continue his existing executive capacities. Mr Puri is made a non-executive director.

David Thomas is the first Briton in 30 years to be made president of the European Federation of Corrugated Board Manufacturers (FEFCO). Mr Thomas is nid of Assi Packaging in the UK.

Peter Cook and Geoffrey Woodward have been made board directors of Allen Davies & Co Ltd, part of The Berkshire Printing Group.

Anthony Forbes is to be appointed a non-executive director of Watmoughs (Holdings) plc, the Bradford-based

Michael Thornton, chainnan and chief executive of T & D Industries ple, will be handing over these responsibilities to Bert Langford, md of the

company's packaging division. Mr Thornton will continue to sit on the board.

Caroline Pickard has been maile a director of Bradford based Concord Tane Solutions, the UK tape producer

Bill Lowe has been made sales and marketing director for Assi Packaging Scotland Ltd. John Skelton is now sales director for the UK market at

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...So esserte Victor Wetson, president of the IOP. 'Welson's Lav' has elso been eent to, emong others, EU commissioners and Tom Bleir. Mr Watson has just been made on honorary declor of laws et the University of Leeds. "It is a greet honour, and I am spotcielive of il," he tells Packaging News.

AssiDomän Multipack, formerly Multipack Wrap

Neil Posten is now sales account manager for the Castle and Valley divisions of The

London Fancy Box Company based in Dover.

Stuart Wallis, an executive director of Bowater ple, islan ing the company to become chief executive of Fisons pk.

Box waste into chip profit

Boxes and Packaging in Swindon is the first UK company to install a Repap corrugated chip

Called Corruchip, the equipment is designed to turn waste into a value added profnet and offer an alternative to eps loose fill. It is an ideal purhase for anyone wishing to dispose of boxes, including retailers, product manufacturers as well as boxinakers.

Chips can command prices un to ten times higher than basic waste board and can be also sold for animal bedding or horticultural molch, says machine supplier, Eorobox Machinery Ltd.

Shearer Sellars, md of Boxes and Packaging, a medium sized sheet plant whose customers are within a 4 mile

radius, tells Packaging News that the company generates around three 20ft containers of waste each week. Although it now receives £35 a load due to a tightening in the supply of paper, it is able to sell the chips for significantly more at £10 a

"Handles strit finished boxes

bag, undercutting the price of

eps loose fill in the area by 10

per cent, says the company.

Repap handles strip sheets and nished boxes and has a maximum feed width of 400mm Electronically controlled, there are variable speeds and three different thickness positions to

wide. An optional automatic control to produce chips of three sizes in the same batch can be added to the machine.

Other options that have been included on the Boxes and Packaging machine, include a dust extractor and a magnetic extractor to remove metal stitches and staples.

vert many of his customers with ens loose fill to Corunderway with a further 25.

Mr Sellars expects to conwhom he currently supplies ruchip. Wirhin a week of installing the machine, the company has already found five customers, and trials are

Products that can be packed in Corruchip range from electronic gonds to fireworks, where the Corruchip locks the



The chipping machine turns waste into a value eddad product

product in to the centre and does not allow it to move around like eps, it is claimed.

Output speeds vary according to the type of board used. A triple wall board can produce 20m3 an hour; double wall board at 13m3 an hour and single wall board at 8m3 an hoor.

Machines are supplied in the UK by Eurobox (PO Box 16, 1-luddersfield 11D8 9UL tel: 0484 863368, fax: 861924) which is holding an open day on 28 September at Boxes in Swindon.



Paper deal

The Jefferson Smurfit Group ple is to acquire the paper and paper packaging operations of Cellulose du Pin, part of the French Compagnie de Saint-Gobain. The deal is likely to be worth IRC 638.8 million, including an acquired debt of IRE 352.4 million.

Operations involved nelude 42 corrugated plants in France, Belginm and Italy.

"The Cellulose du Pin operations complement our European operations, giving us a major position in France where until now we had only modest representation," says Dr Michael Smurfit, chairman and chief executive officer of the group (Mercer House, Thames Side, Windsor, Berks SL4 1QN - tel: 0753 850451, fax: 840476).

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Second Brower
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Seles Mnnager Packaging Buyer

Senior Buyer Senior Eng. Menager

uying Director

Luxury lustre for biscuits When relaunching its Classic luxury chocolate biscuit, Fox's asked Ferry Pickering Sales Ltd and Bonar Teich Flexibles to help design and manufacture individual and multi flexible packs as well as counter display units (cdu).

A metallised 20 micron opp film, gravure printed in 7 colours and reverse coated enidseal, has been laminated to a 14 micron film for high gloss by Bonar Teich (Nottingham Road, Derby DE21 7GY - tel: 0332 288800). It has been produced to give a luxury lustre finish to the multipack.

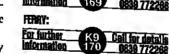
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238171, 251338).

BOWAR TEICH:

Ferry Pickering had to continue this quality theme. It is six colour printed on a coated folding boxboard and uv lacquered, says the company (PO Box 6, Coventry Road, Hinkley, Leics LE10 OJJ - tel: 0455

"Ferry Pickering and Bonar Teich Plexibles have been both supportive and ereative," says Carl Turner, marketing manager at Fox's.





Pulp solution to computer transit Circular codes avoid

IBM, Apple and Acorn are the latest information technology companies to adopt litinents supplied by Universal Pulp Packaging Ltd (UPP) for the transit packs of its hardware products.

IBM is now shipping its Think Pad range in a moulded fitment made from recycled pulp and, according to Laurie Baker, an 1BM engineer in Greenock, "the pulp solution has satisfied our requirements from a cost and protection standpoint. IBM is committed to being environmentally friendly and where appropriate we endeavour to reflect this in our choice of materials."

Apple Computers Inc has introduced pulp packaging for the accessories of its Power Bouk Duo in both the USA and UK. Leslie Lindsay, the Californian-based packaging designer for Apple, has identified UPP as the leading European source for moulded pulp packaging. The Apple factory in Cork is now being supplied by UPP (Milton of Campsic, Glasgow G65 8EE - tel: 0360 310322, fax: 311975).

Acorn is also using pulp cushion packaging for its



Apple Computers Inc has introduced UPP pulp packaging for the eccessories of its Power Book Duo

Medusa and A4000 computers.

"From an engineering viewpoint, it is technically very capable of doing the job asked of it, and because it has been recycled at least once we know it is a green product, which is

very important tu us," explains Peter Stacy, seniur manufacturing engineer at Acorn.

excellence," comments Dun "The leaders in the inforcart Stewart, managing direcmation technology industry tor of UPP. are recognising that consumers of their products are

now expecting environmend

awareness as well as rechard



The blacult individual end multi flexible packs, with display unit

orientation problems

tion and the inability uf on-

Eyecatching snack pot

full langth decoration of a sneck pot for Erin Foods, which wanted

from Smurfit Pracision Labelling (Printing House, Bridge Street,

Wekefield WF1 5JP - tel: 0924 383911, fex: 290124), with a layer

of hot meit adhesive to prevent it slipping down the tapered pot,

Smurilt has produced a low temperature pvc sleeve, covering

lks whole of the pot and skrinking without distortion. The hot melt

is activeted when the eiseve is shrunk. It is expected that the half-

tone eight-colour decoration, rather than the line work previously

used for the product, will boost the product's image in the compet-

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which must give first time automatic scanning, but where the code can be difficult to orientate, circular target-like formats are now available.

All standard symbologies, including codes 39 and 128, can be generated in the Sureshot format on-demand, says system distributor in the UK. Earlesmere ID Systems.

Conventional scanners need only pick up a single radius of the code, so avoiding the potential orientation problems with picket fence or ladder configurations. limited, half the barcode profull circular code can be printed. "A cirexplains cular barcode is lesmere not new. In fact. the original con cept of the barcode was cudes is now be circular. The problems of reproduc-

harlesmere model 470 primer. Cust effective solutions for existing problems can be found, says the company (Earlesmere House, Earlesmere Brive, Doncaster Road, Ardsley, Barnsley, S Yorks \$71 5EH - tel: 0226 204096, fax: 244169), as well as new applications.

Where there is space on the particular object identified with the code, the system provides an alternative to the installation of custly omnidirectional scanners. One major petential non-packaging application identified by Mr White is the coding of luggage labels. Sureshot is a trademark of the US Microeon Corporation, for which Earlesmere is the exclusive UK distributor.

Fast uv cure ink ensures high resistance of codes among the variables that the

A fast uv cure ink has been formulated by Vidcojet Systems International for applications requiring special code

A curing time of just 0.5 seconds is given by Videojet when its 16-2720 is applied to pvc substrates along with a typical uv emission of just 300W over a 1-inch spot.

"The ink gives good resistance"

The ink gives guod serateh and solvent resistance as long as the uv system is specifically designed for the application, says Vidcojet (153 Dixons I-Iil) Road, Welham Green, Hatfield, Herts AL9 7JE - tel: 0707 275844, fax: 275893). Substrate, uv energy and power emission,

ROBOT PALLETISING

BY BANKSIDE

company takes into account when designing a system. 'Will stand

up to alcohols and oils"

Alcohols and oils are among the substances which 16-2720 will stand up to. Packaging applications would include hard plastics casings, such as video cases, says the

As a pigmented ink. 16-2720 can only be used on the VIIII/P, VItII/XP and Excel P printers from Videojet.

In some industries, such as wire and cable production and marking, the faster curing times will allow faster line speeds, says the company.

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Further Information is available from Vicki Morison on 081-332 2422.



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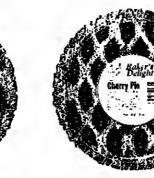


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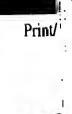
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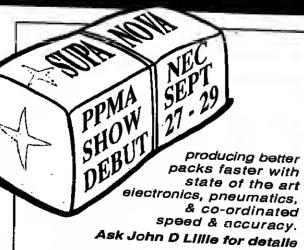
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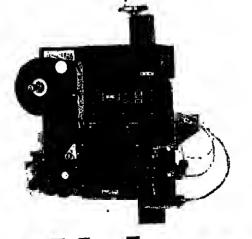


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packaging lines. The unit has the ability to index register, cut and automatically fire three dimensional items such as games, toys,

dimensional products onto

other pouches into bags, cartons or trays.

Product must be prepacked in a bandolere formac. The feeder has its own servo drive motors, microprocessor and uses no vacuums or cams to drive from a parent conveyor.

Machines can be linked to a vertical bagging machine, eartoning line, horizontal wrapper or any other application that requires automatic feeding of difficult to handle, three dimensional items.

Longford (Gouveneur Roppesingel 81/2b, 3500 Hasselt, Belgium - tel: 010 32 11 28 40 26, fax: 28 40 32) tells Parkaging News that the dispenser requires only 15 minutes of

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operator training time and 5 minutes set up time.

Machines have just been installed in the UK for cereal and confectionery applications, Edward Paterson and of Longford Europe tells PN.

It can be mounted besides the scales on vertical bag equipment or at floor level, and has multiple head dispensers.

THE TEA-CARTON!

THE CARTO

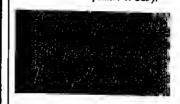
STRETCH!



Easy-peel sleeve on pp dessert pot

from Corporate Packaging.

ase pots and injection moulded pedestal pots can be supplied for microwavable products in the ready meals and desseri sectors, says the company (23 Long Garden Walk. Farnham, Surrey GU9 7HX tel: 0252 717077, fax: 717005).



Veglaplast of Holland, one of

recycling figures for alumini-

Association (ACRA).

minium can recycling centres reporting a record breaking month, with significant increases in the number of aluminium cans recycled compared to previous years," says Alex Griffin of ACRA (tel:

ecycling a

canned drinks and 'booming' um drinks cans, according to the Aluminium Can Recycling "July has seen many alurate of 25 per cent.

containers which are said by

the company, to use 40 per cent

less plastics than traditional

pots. The board is made from

As well as offering environ-

mental features, the board pro-

vides for a far higher quality

printing surface than plasms

for full colour illustrations. As

the board can be removed,

marketing and promotional

messages can be printed in one

also now be available on the

range of polystyrene comain-

ers produced by Veglaplast

Carronboard sleeves will

colour on the reverse side.

80 per cent reycled material.

Yoghurts, creams and quality dairy desserts can now be packed in polypropylenc containers with a cartonboard sleeve, now available in the UK

Both thermoformed flat



Corporate's principals, has been licensed by Sandherr Packungen of Switzerland to produce these board/plastics

Heatwave boom for **Canned** 021-633 4656). drink sales

Record temperatures have resulted in increased sales of

ACRA's research indicates that 21 per cent of UK consumed aluminum drinks cans were recycled in 1993, with the aim for 1994 to achieve a recycling

Label printer meets pallet needs



forces this message with a visu-

al of the Cushion Soft lettering

sunk into a pillowy fabric

which is tinted to the colour of

the tissue inside, says Minale

(The Courtyard, 37 Sheen

Road, Richmond, Surrey TW9

1AJ - tel: 081-948 7999, fax:

underline the product charac-

teristic of ultimate in softness

and thickness, while retaining

consistency with the main-

stream Andrex brand.

The new branding is said to

081-948 2435).

automotive indusrequired to provide bareoded pallet labels or be delisted, BPC Numerie Arts has launched a wide-

format printer. The Zebra 170Xi thermal transfcr printer is capable of printing 168mm wide labels up to 152mm a second. It readily accommodates a variety of compliance lahelling specifications including Odcite for the

Tha Zabra 170XI tharmai translar label printar

aging industry, and various pallet label formats, says the company (First Avenue, Globe Park, Marlow, Bucks SL7 1YA - tel: 0628 487000, fax: 487007).

Previously, says the company, EAN-128 pallet printing at A5 size to meet required industry standards meant using printers that were either too small, thus failing to produce labels to the required standard, or too large and therefore wasteful and expensive. Print head sizes of 5.5in produced labels too small to meet EAN-128 specifications, whereas the 8in printers were printing labels much larger than required with the resulting waste of money and materials.

the automotive industry Odette, and to meet EAN-128 standards, says the company.

The 170Xi is designed for



Tins protect riding hats

thay ware protected by headgear made by Thomas Townard. Today, aquaetrian haadgaar mada by the same company is protectad by matal containars made by Wallin, Pechiney Packaging's apacialist manufacturar. Oasigna on tha containers wara created by Elgar International, whose director Mark Peckham says: "There ware a few fears about the tins becoming dented but now everyone la ganarally piaaaad with the product."

Further information is available from Packinay Packaging Food & Ganarai Lina Ltd (100 Capability Oraan, Luton, Bads LU1 3LG tel: 0582 481717, fax: 25954).

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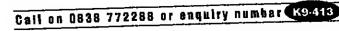
E-PACKING YOUR BAGS? OUR BAG

BluePrint

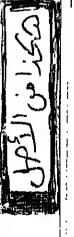
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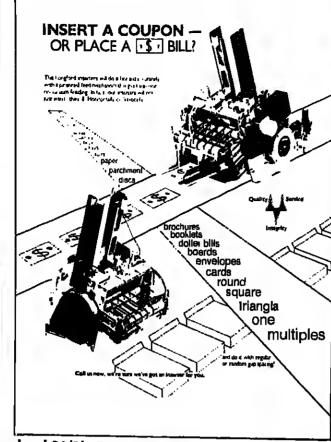
Our new company logo is symbolic of this.



AssiDomân Frövi Ltd

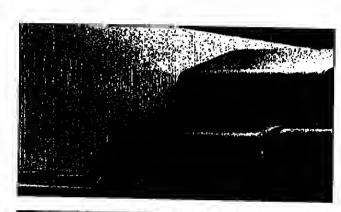
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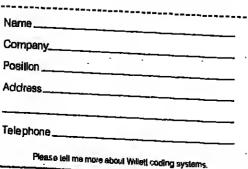
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SWF Blissmatic cese eractor: reducing bulk product peckaging

Case erector gives lightness benefits

Hot melt adhesive manufacturer, Beardow & Adams has commissioned its second SWF Blissmatic case erecting machine to allow it to reduce the size of its bulk product packaging.

Beardow & Adams' concern over the health and safety implications of regular manual handling of heavy loads has prompted the company to reduce the standard weight of its packs from 25 to 14kg. The benefits of these lighter packs will be felt by the adhesive manufacturers' own staff and the line

operators of its customers. The Blissmatic machine erects three piece 'Bliss-boxes' of 14kg capacity which are produced on a jit basis to match production, says strong and easy to handle." machine supplier David S Smith Packaging Systems (Bath Information 55 0839 772

852554, fax: 852528). These are then used for bulk distribution of hor melt adhesive, shipped in pastille or slat form, to all parts of the world. Commenting on the equipment, Clive O'Sullivan, production manager at Bear-

Barle BA 1 7DE - tel: 0225

dow & Adams says, "This new case erector is quick. quiet and has proved totally trouble-free to date. "Equally impressive are the boxes it produces. These are formed from a wraparound with separate end pieces, and the resulting solid-based case

has proved extremely populat

the consumer,

says Sonore

(Greenock

Road, Trading

Estate, Slough

Berks SL1

4QQ - tel:

fax: 526273).

cfits are said to

liner stability

Other ben-

with our customers, being both

Liner reseal prevents caking in coffee jars

Nestlé UK is now using cap also reduces any tendency Quadraseal liner from Sonoco of the product to 'cake' in the jar after removal of the foil by of coffecs.

This liner was introduced at the end of last ycar as a replacement for the traditional wax lamination of the mem-

brane to reseal board. Instead, a transparent polymer

0753 534321, be enhanced and the temperature tolerance of the coating is The printed foll looks much better new non-wax lamination The appearance of the foil, offers further benefits in

particularly when printed, is much improved and the reseal performance of the liner in the

warmer climates.

COMPANY NEWS

John Waddington ple has innounced plans to effectively double the size of its folding earton business, with the acquisition of Imea Cartonnages, Hoogerheide, of the Netherlands. This is the first such alliance between two major companies of this type in the UK and continental Europe, says Waddington (0532 770202). David S Smith (Holdinge) pic Gerald Malone MP presenting B\$5750 to Berek Moore, and end (071-222 8B55) has acquired Ashlan Corrugated Ltd from

Alueulsse-Lonza Holding Ltd French group Dtor for £15.5 has ennounced that Its peckmillion. Ashton worke from aging division will now be locations in Bristoi, Clay Cross known as Lawson Mardon end Dumberton, specialising in Peckaging (LMP), with all fordis cufting and preprinted cormer A-L Packeging and LMG rugeted board, principally for companies integrated into this grouping. The division will be the eighth lergest packaging A planned annual increase in eupplier in Europe, estimates per manufacturing capacity of LMP (0272 48420D).

45 per cent by the end of 1998 has been announced by East-Research and development by nan Chemical Company (010 UK packaging companies has 1 212 7825203). tts Spanish increased by 15 per cent to £40 affiliate is planning the conmillion, according to Compastruction of a 60,000 tonuc pet ny Reporting Ltd (031-558 plant in San Roque, Spain. (100). Top spender in the sector is Arjo Wiggins Appleton, Jarvie Porter Group (0532 with De la Ruc and Bowater 703000) has enounced the

dso high on the list. completion of its purchase of the Dutch NGG (Niederlandee Minipack Sempling Solutions Grefleche Groep by). Product hee been acquired by areas catered for include self-McCormick (UK) plc. The semadheelye lebele and tee end pla end promotional peck mencellee lebele and packs. ufacturer (0489 781837) will become a part of McCormick'e Companies CarnaudMctalbox peckeging division.

6282471).

Tha UCB group of Belglum hee

Kendall as UK md. The compa-

ny (D60B 7B4453) will act es

tha salee end markating arm

announced the formation of

UCB Flexibles, with Tony

and Wheaton have announced the merger of their respective The US Packaging Machinery health and heauty packaging Manufacturers Institute operations to form Wheaton (PMMI) - sponsor of Chica-International, headquartered go's Pack Expo, held in in the USA. This will enable November - has transferred its both CMB (010 33 f offices from central Washing-44156800) and Wheaton to ton to Arlington Virginia (tcl: reach worldwide markets. 010 1 202 3473838, fax:

Amoor Ltd hae acquired the remaining 51 per cent equity it did not alreedy own in Willander Haldinge Ltd, the UK corrugeted box manufacturer. The first 4B per cent was acquired by Amcar (04BD 49B1B4) in March 1891.

the lood Industry.

Berry Hughes, seles director, of Sussex & Berkshire Machinery Co

for UCB T&R Grehem Ltd end the other group plants in continentel Europe. Foam engineer Polyformes Ltd

> after fire destroyed the site. Certonmaster (UK) Ltd (D260 287000), now part of the Weddington group, hes invest-

ed £1.5 million for a 30,000 sq

(0525 852444) has reopened its

Leighton Buzzard plant a year

ft purpose-built fectory, increeeing its cepecity to two lines of the primographic inline certon production system.

The eight-year dispute between Nissei ASB and Aoki regarding some 300 patents held by Aoki in stretch-blow moulding has been resolved in Aoki's favour by Japan's Supreme Court, says UK agent for Aoki and Nissei Plastics, Trendpam Machinery Ltd (081-391 4411).

A etrategic elliance hee been struck between Bowetar Containere Ltd. tha corrugate d division of Boweter Packaging, and the Corrugeted Board dluision of NV Koninklijke KNP bt, menufecturing to the Netherlande end Germeny. A supply network for pen-Europeen customers will be offered. Boweter Peckeging is e wholly owned eubsidiary of Bowater pic (071-5B1 1149).

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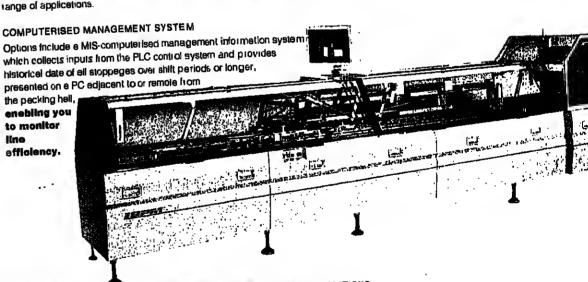
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and marking requirements.

is pleased to announce that

A high speed case erector from Italian company Bortolin Kemo - the first of its kind in the UK - complete with a high volume infeed for blanks has replaced manual case erecting at Cilypso Soft Drinks.

Expanding its end of line systems to cope with increased demand across its range of soft drinks - including the topical Flintstones brand - Calypso has installed the UK's first high speed, automatically-fed Bortolin case erector sold by agent GBE Lemer-Burgess.

"The whole exercise has improved the efficiency of the operation and the general apearance and quality of the product itself," says Calypso group engineering manager John Ball.

Other equipment installed

GBE Lerner-Burgess, for wrapping collations of filled cases.

Standard versions of the case erector

have a high level hopper which may need refilling every five machine's top speed of 37 eases a minute, says GBE (Fleining Road, Hinckley. Leies LEt0 3DU -

tel: 0455 6†3888, fax: 618538). On this model

Cesee for Flintstones

powered conveyor infeed allows up to 1000 blanks to be loaded at a low level. Grouped in up to eight piles, this supply will last as long as 30 minutes, says GBE.

The system means that manual lifting is minimised. Since many of the blanks used are high-gloss, with a risk of instability, the final section of the infeed conveyor slides forward to place the blanks into the guides of the magazine.

Cases are glued with hot melt adhesive and then hand filled with 12 or 24 membrane sealed pp cups of soft drink. Completed eases are hot melt sealed sliut, then shrinkwrapped in 2 x 2 or 3 x 2 formats.

soft drinks are erected on the Section of the Secti

Melronic



Each peck of linings is automatically oriented in the right position

Print and apply equipment handles bulky brake linings

Heavy packs of brake linings are being labelled by print and apply equipment from Herma Labelling Systems in an installation replacing hand applica-

With each pack weighing up to 40lb, the packer required an infeed which could take this bulk and weight, with sensors to stop the operation automatically should product of the wrong height be fed through. This is vital to avoid damage to the labelling module.

Herma's unit uses thermal transfer printing rather than the dot matrix used in the previous manual system. Coding and labelling quality as well as speeds are improved in a single smooth handling process.

says Herma. Automatic orientation en

the conveyor is among the letures adding to the visual appearance of the product. The system will accommodate a range of pack shapes and sizes says Herma (The Hollands Centre, Hollands Roid Haverhill, Suffolk CB9 8PR tel: 0440 63366, fax: 706834).

The dense character reproduction possible with thermal transfer means improved legbility even on convex or angle shapes. The correct label/product combination is ensured when a digital code is keyedia. Confirmation is in the form of a single line digital display.

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limitations of operating a factory in the centre of London where this long established company has been based for many years.

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PACKAGING NEWS SUPTEMBER 1994

NEWS

Digital proofs cut lead times further

High resolution digital proofing to reduce lead times even further by eutting out the Cronalin stage is now available at digital artwork reproduction company, Digitee Design Ltd. This allows a customer to approve its design concepts without the need to produce films.

Taking the digital route one step further is possible with the installation of an Iris inklet printing system, from Scitex, as part of a £250,000 investment at Digitee (Nottingham Road, Spondon, Derby DE2 7XA - tel: 0332 281302, fax: 281952).

The context system, supplied by Xyvision, is being upgraded to make the dar operation four times faster. More powerful scanning and

retouching with an additional work station complete the new S MURRAY & CO

Holborn House, Old Woking,

Surrey GU22 9LB

This means Digitee can now produce digital proofs showing special colours as well as process colours so customers see more accurate representations of their designs.

To offer a more complete prepress service, a 21 million invesument programme has been set up with sister company Tecnograv, which now has five engraving machines. Based on the same site in Derby, Digitee and Technogray offer an integrated service to help reduce makeready time by two thirds and independent operations according to project requirements.



The SefeTE closure from Jeycere Ltd, working with Wellcome

Closure helps to tackle sticky liquid problems

A closure that combines tamper evident and child resitant features for use with sticky liquid preparations has been developed by Jaycare Ltd following close collaboration with ethical pharmaceutical manufacturer Wellcome.

The SafeTE closure iocorporates a secondary drive mechanism that provides a means of removing the cap should the primary drive fail

It incorporates a separate 'opening aid' for use by the elderly or arthriue.

The eap liner provides the main barrier to the liquid, says Jayeare (14 Alder Road, West Chirton North Industrial Estate, North Shields, Tyne & Wear NE29 8SD - tel: 091-296 0303, fax: 091-296 1842).

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CONSISTENT

Labels designed for endurance

A system claimed to be the world's first integrated system for designing and printing permanent labels has been launched by Episys Ltd.

Called Armatext, the system has been developed in conunction with Raychem, a leader in polymer science and printer manufacturer, Lexnurk international to allow companies to meet increasingly stringent statutory health, safety nd security requirements.

Labels produced by Armatext are resistant to acids, any ther chemicals or corrosive substances found in industrial environments, extreme weather conditions, and strong abrasive forces. This makes them partieularly suitable for safety in critieal and hostile environments, says Episys (Ash House, Melbourn Science Park, Melbount, Nr Royston, Herts SG8 6E] tel: 0763 262629).

"Potentially hazardous"

in particular, the company talks of chemicals, petrochemicals, pharmaceuticals or other industries where potentially hazardous materials and waste products are handled.

At the heart of the system

is software specifically developed by Episys to allow last and easy in-house design and production of labels. These can carry variable information is large or small quantities and in sizes up to A3.

"Database is sophisticated"

Text, graphics, photographic intages and variable data such as barcodes can be imported or originated in the system's sophisticated database. Colour can also be used to highlight key information, such as potentially dangerous properties, or essential information for use.

Using a technology dere oped by Raychem, Armaien produces a 'locked-in' printed image. Once designed, the bld is printed onto a substrate of polyester film, using a high delinition printer from Lexmark. One side is coated with a permanent, high performance adhesive, the other with a heat reactive, print receptive surface.

After printing, the labels undergo a heat curing process which results in a surface resistant to ahrasion

NEWS BRIEFS

cocuses on 100 environmentel reporte produced in 1992/3 end inde that only tive come close to providing ettective deta, le ow available from UK environ-Ltd. Company Environmental eporting was produced tor the United Nations Environment Pro- In contect with tood. gremme (UNEP) and le evelleble at a cost ot £30 from 8ustein-Ability (071-243 1277).

TETRA LAVAL FOOD has developed en oli resistant peper which is said to ellow vagetable oll to be pecked in Tetre Pek cartons. Given the background in continuous terming and tilling teeting individual tinished ertiof liquid peckeges, repid growth cles. A tect sheet - PVC Sheet in this segment of business is anticipeted, seye the company In Sweden (+46 853 065000).

THE MORTHERN PACKAGING PLUS November le elmost sold out, with 78 out of the 80 evalleble stande booked eo far. Ornaniser AES Evente (081-681 6699) reports that demand is high trom ull sectors of the packaging industry.

AN INTERNATIONAL ourvey which A £250,000 CONTRACT from the Ministry of Apriculture, Fisherice and Food (MAFF) has been won by Repre Technology Ltd (0938 250363) to provide migration dete tor tood contact elecment consultancy SueteinAbility tomeric meterials. The purpose ot this work is to help establish the eafe use of these meterials

> etudies conducted by Pira and tunded by the PVC product group of the Peckeging and Industrial Films Association (Pite), heve opened the way to testing of pyo electer cheet, evolding the prohibitive cost of and Thermoformed Articles: Migration Testing - 19 00W available on request from Pile (0602 422445),

Exhibition which rune from 9-10 BT is going to Provide e free IBDN 2 line installation to every company exhibiting et the Graphic Communications Event (27-29 Sept 1994 - NEC, 8 lml* ingham) to ellow delegates to witness the power of high speed digital graphic file trensfer-

Environment-friendly board blisters

a range of board blisters which provide an alternative to conventional plasties and card combinations has been introluced by Storey Evans in response to environmental considerations.

Some European countries will no longer accept plastics and card combinations and so the board concepts, and machinery to produce them, have been developed by Spniyt Holland by, Storey Evans' Dutch subsidiary. The range includes one and

two part, mono material board blisters as well as a sealed, folded over board and plastics blister, which does not contaminate the overall pack when opened.

tory, with machinery to creet All three styles are problank cards, fold over the blisduced on one machine, says

509228).

cide range and

the concept fo

its oral hygiene

Holland b

lohnson Johnson is usin

products.

(Rawdon, Leeds LS19 6EA - tel: 0532 502323, fax: The packs have already been adopted by pharmaceutical company Bayer for its Autan insecti

also has a contract packing fac-

ter and then lill product.

0-167**12**61.065 850-10050200-19923106-00565

Spruyt Holland by, which is Storey Evens' Dutch eubsidiery

Prepare for Interphex

With four months still to go before Interphex 94, the exhibition for the pharmaceutical industry covering raw materials through to processing and packaging equipment, the show is 90 per cent sold.

It is expected that over 200 companies will be represented at this year's event, which takes place from 23-25 November at

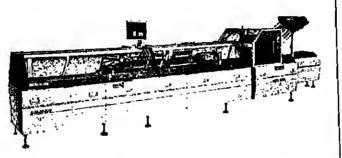
Olympia, London, A two day conference with the theme 'Capitalising on a Changing Pharmaceutical Market' will run alongside the show.

A prochure on the conference is available from Caroline Elliot at IBC Technical Services (tel: 071-637 4383). For information on the show, contact organiser Reed Exhibition Companies (Oriet House, 26 The Quadrant, Richmond, Surrey TW9 IDL - rel: 081-948 9840, fax: 081-948 9989).

Entry forms for Starpack

Entry forms detailing judging criteria in the Starpack 95 competition are available from the Institute of Packaging (IOP), with closing date for entries set at 30 November this year. A consumer transit dis-

play package section has been created. Details from the IOP (Sysonby Lodge, Noningham Road, Mehon Mowbray, Leics - tel: 0664 500055, fax: 64164).



8PM Ltd's pertoners are designed to reduce certoning costs

Poland has just ordered two of BPM Ltd's latest end load cartoning machines, type Freemantle T-7 Auto and semi automatic.

In the UK, Lyons Bakery has several MEL high speed cartoners from BPM and it was the success of this equipment that has led to the orders from Poland for these medium out-

Designed for ease of use, all

size changeovers on the BPM eartoners can be handled quickly and reliably by operators, using simple digital

All of the equipment has been developed to allow clients to reduce cartoning costs, says the company (78-86 Pennywell Road, Bristol, Avon BS5 0TR - tel: 0272 558222, fax: 556007).



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PACKAGING NEWS/SEPTEMBER 1994 PACKAGING NEWS/SEPTEMBER 1994

Pvc: the latest moves and evolving markets

Damand for resealability in flexibles and the evolving markets for pet are among the areas of plastics surveyed here. Wa dedicate the baginning of our feature to the latast moves in pvc packaging and the matarial's profile in and beyond the UK.

When a company such as Evian opts to switch from pve to pet for mineral water in the domestic French market, enviroumental groups are quick to claim this as yet another nail in the coffin of pvc. But overall the picture is much more balanced, even in continental Europe, and when changes do occur they are often as ninch to do with logistical considerations as they are with "green credentials".

Approximately half the bottles used by Evian have

been supplied for the French market in pvc, but for logistical reasons the company will standardise in 1995 on the pet used for export markets.

Of course, when companies change to pvc - and this also happens - we hear a lot less about it. These decisions are more aften to do with numdane reasons such as price and performance.

Admittedly, short term price rises in themselves have a limited effect in determining the type of plastics specified. While

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tially of the order of 50 per cent, may lead to a shift for certain applications in, say, the automotive industry, this is unlikely in

In Germany, legislation has led to a reduction in the itself to be a eause of such a use of pvc for packaging purchange in packaging. Of course, poses, despite lower prices for when price increases are potenthis material as compared with

trend for the UK seems to be one of continued growth. According to figures from the BPF (British Plastics Fedcration), some 14 per cent of pve by weight is used in packaging applications in the UK. Over a quarter of worldwide production comes out of Western Europe - slightly more

substitutes such as pet.

Hoechst Films reports that

while demand for its pve prod-

uct is growing in technical

areas, for packaging applica-

tions it is shrinking - especially

in Central Europe. But the

than from North America. The UK is still a net importer of pve, but domestic production will be add-ed to by the decision of EVC to expund capacity at its Runcorn plant by 30,000 tonnes a year.

In the UK, retailers such as Boots have been quite open about staying with pre. "Wekeep a watching brief on all sorts of materials and pye is one of them. We don't see a proven case against it on environmental grounds," Phil Stubbs, environmental coordinator at they would derry using it if this This sort of double stan-

dard is also said to apply in some Scandinavian markets, and is perhaps inevitable where users of the material do not believe or care about any environmental risk there may or may not be, while playing on these perceptions for marketing advantages. Earlier this year, a German regional court of appeal ruled that a "Pvcfree flash on packaging constituted unfair competition.

The debate between profucers and users on one side and the environmental lobbies, led by Greenpeace, on the other continues. Advertising describing pvc as an 'environmental soison' was withdrawn follow-

Rhovyl and Elf Alochem bate

recycled pyc mineral water

bolllas to make jumpers

this in large quantities.

Just published le a fact-

shael, "Pyc - the Facts",

evallable free for Individual

copies from the SPF (6 lat

Placa, Rivingion Street, ladon EC2A 3JE - lel: 071-47

500D, fax: 071-457 5045).1

onvars what pvc is, where

and how It is made and the

Feotax persuaded many uses,

among them mineral water gut

Spa, to reasons the planes the

specifical tear large redimendiant i

have led the large German real-

ers to turn away from pre-buil

Environmental perception

dillarani applications.

in Belgium, the threat of de

suggests that foetal development and immune system damage were the key areas of concern with exposure to dioxins, rather than cancer as previously believed.

But end users of pve packaging do not see supposed links with dioxins as a problem. While Boots is aware of the debate, it believes that incinerators, for example, now have sufficient safeguards to allay any concerns, says Mr Stubbs. Preconceptions concerning

the inaterial run very deep, even in the UK. Pifa had to step in to have a statement in Sir Sydney Lipworth's report to the PRG amended to give a fairer view of pvc's current stams in UK packaging. The original statement said the marerial

tributes to the total of those constituents deemed to be a risk. Aiming to demonstrate

environmental responsibility, users and suppliers of pve in Germany have formulated a 'closed loop' recycling coneept for pvc - more particularly for larger scale rigid pvc applications, but with the possible inclusion of returnable packaging or product separated under the DSD.

"Bottles are used to make iumpers"

As reported in last month's issue, pvc mineral water botrles in France are being recycled and used for making jumpers with the help of producer Elf Atochem. One advantage of pvc in recycling generally is its tolerance of impurities. According to Hoechst's films

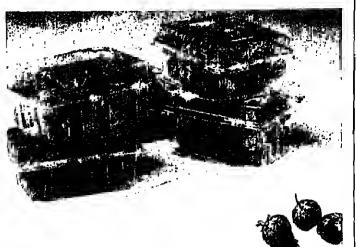
division, lilus can be converted from just 94 per cent pure pvc.

PLASTICS

But perhaps the biggest help in rehabilitating pyc on environmental grounds will be given by the BASF chemical recycling facility at Ludwigshafen, and the DSD's support of it. The great advantage of this installation is that it can handle mixed plastics and break them down, irrespective of their composition, in a sealed environment.

While pre may still do well

in terms of eost and, in general terms, performance, the material may suffer from a lack of investment on improvements to it, according to some moulders. But Jim Pugh, chief executive of Pifa, points out that it remains the most widely researched plusties material. "The use of pvc worldwide is growing. People do not hesitate to support such growth with underpinning developinent," he tells PN.



Lids beat strawberry crush

Beating the summer crush for strawbarriae are pvc ilds from MY Sharp interpack, designed to fit the letest metric range of punnets

"Our Ilda aneble punnats to be etacked, saving storege and shalf space." says Jaremy Sampson, sales and merketing director at MY Sharp (Ayleanam, Kent CT3 3EF - tef; 0304 840581, fax: B41922).

For further K9 Call for details The tide will fit containers in 250, information 0839 772288 340, 400 and 500 g sizee.



Flastics (0443 225520) for its Sun and Swim shampoos and condiiloners. The frosted pvc is multi-pess printed.

ng a ruling in Vienna's commercial court. This ruling was then overturned in favour or Greenpeace, although plastics manufacturers are currently battling in the supreme court for a return to

theoriginal judgement. Meanwhile, attention is once more concentrating on the contribution of pve to dioxins in the atmosphere and the dangers posed by them. An EPA (Environmental Protection Agency) report in the US

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"is being pleased out on environmental grounds".

The Ecocycle Commission in Sweden concluded that its major concern was for stabilizers in rigid and plasticised pvc. As always, the debate has become one about threshold levels and comparative threats from these and other sources. Industry sources agree that the identification of a "soft" target such as pvc bears no relation to the degree to which it con-

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suppliers report that somehor i Boots the Chemists, tells PA'. expressed interest in buying : But whereas a UK retailer the material given the tight such as Boots or Marks & price, but with the carmina MULTI-PACKING ASSORTED VARIANT PACKS ONE STOP SHOPPING CLEAN ROOM FACILITES CREATIVE AND FLEXIBLE CAPACITY FOR HIGH VOLUME APPROACH • 20 YEARS EXPERIENCE PRODUCTION NATIOUWIDE COVERAGE

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Resealable bags: why the delay?

Given the proliferation of reclosable systems for plastic bags, and clearly identified consumer demand for them, why are companies dragging their heels over Incorporating resealable systems that would make consumers' lives easier, asks Camila Reed?

Reclosability, like openability, is a subject that strikes a chord of consumer dissatisfaction, hut very few sectors have, as yer, adopted resealable bags.

To date, most penetration has been in the grated cheese market, some flirtation with frozen vegetables and fish by major retailers and there have been forays into the confectionery and nut markets. One UK retailer, Safeway Stores ple, uses a reclosable system for rice.

The adoption recloseable bag systems has mainly been driven by suppliers not retailers. It seems this will continue to be the trend until the systems available are faster, easier and, most impor- not so far been recorded in the

rantly, cheaper according to major retailers.

A number of manufacture ers now provide 'zip-like' resealable closures for flexibles. In the UK, Supreme Plastics (Supreme House, 300 Regents Park Road, London N3 2TL tel: 081-349 3434, fax: 081-346 1624) and Hanlex Ltd (Blackhorse Road, Letchworth, Heris - tel: 0767 600534, fax:

678431) offer these. These reclosable options can be produced on vertical and horizontal form, fill and seal or flow wrap systems in mono pe, coextruded laminates or complex laminates.

Many retailers still need to he convinced that consumers want reclosable systems and that they will pay more for them, however. While market share improved by 25 per cent for Express Foods when it used a resealable bag for its Eden Vale grated cheese the same has

frozen food sector.

PLASTICS

Chris Griffin of PI Design Consultants says its recent consumer research indicates that: "72 per eent of men and 57 per cent of women raised reclosure spontaneously, including giving pack examples," Cereals, milk/juice and bacon packaging were the products most highlighted. main obstacle has been eost.

The higher response from men was attributed to women being the family purchaser who is pragntatic, and knows where the sticky label or elastic bands are kept in the kitchen to close things up.

Reclosable systems were generally accepted by consumers where there was no big fuss made about them: then they were seen as an advantage. If there was an on-cost, and a big fanfare made about it, then there was a swift and entphatic consumer rejection of the pack, says Mr Griffin.

Iceland Frozen Foods tells

PN that it believes that consumers expect packs to be easy

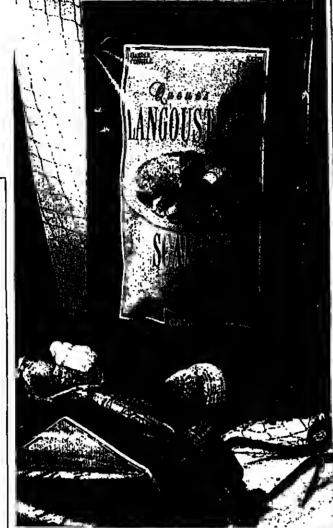
to open and to reclose and see it as part of the design, and for this reason they will not pay a premium for the reclosure system. Iceland does not currently use any rescalable systems, although the company Itas examined them in the past. The

"The systems available have not justified the on-cost. There is no system to date which is acceptable in quality

of flexibles. We are still leoking at too high an on-cost."

Hesitancy by retail onles to use reclosable bags in frozm loods is because the marging are so tight in this area With grated cheese, a value added product, people are prepared to pay a premium.

"If a system puts Ip en a pack, it won't be adopted, says Mr Oxborough of Safe. way. "It is a pity because the technology is there, but I think that as people look to update



Pre-mada zipper bags for Danepak, a Danish saafood manulact

think that in a competitive

market place it is difficult to

justify 1 or 2 pence extra.

However, despite rejecting it

before, one always returns. We

to consumers but they are not

Despite these reservations,

the company is about to launch

a food product in a rescalable

Safeway's packaging tech-

2kg pack of rice and its own

able bag. "The rescalable bag

for rice was offered to us by

the supplier and the on-cost is

absorbed by them, so we have

said they should be doing

more, however, others unoffi-

some complaints about the cur-

rent systems are justified.

Somebody still has not delivered a simple in-line system

which is in effect the ring pull

Privately some retailers

no premium on the shelf".

is not a big issue for them.

el grated cheese in a reseal-

prepared to pay extra."

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Gall on 0838 772288 or enquiry number K9497

or function for the cost," says their systems they will incorporate this technology." Iceland. "There is no increase in sales using a resculable bag. I

Tendafrost Frozen Foods Ltd recently launched its 4lb frozen peas in a Hanley tesealable bag (see PN August) which has to date, been available in limited numbers. Consequently, consumer reaction know it must be an advantage has been difficult to measure.

"But the range has sold well albeit in a limited market, says the sales director of Tendalor. "It is therefore to be extended to include 2lb bags to enable us to reach a wider market and be in line with the market trend nologist, David Oxborough, says that the company packs a towards smaller packs."

Sarah Davies of Supreme Plastics, which already sup rescalable systems for cheese and confectionery markets. says that a rescalable system does add to packaging costs, becoming more expensive than a pillow pack. She believes, however that resistance to resealable systems is largely

cially told PN that resealability due to customer ignorance. Some people think they have to have a fls system," she "Retailers are not helping says. "But if you want to do a these initiatives like openability and reclosability. They want it market test, Supreme can provide anything from a big you done by somebody else and fill by hand to a semi or fully made cheaper end of story," says Mr Griffin of PI Design.

automatic system."

But Mr Griffin does believe

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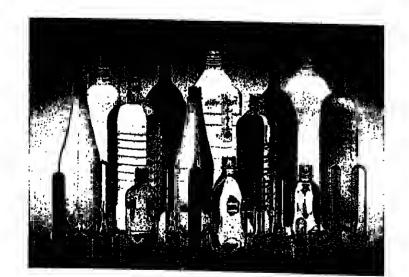
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Collaborators in colour creation

Although colour compound and masterbatch makers for traditionally deal with the injection and blowmuulding teams, packaging technologists are increasingly approaching them direct, to ask them to

design colours.

Andrew Donkin, commercial manager at Victor International Plastics, the colour compound and masterbatch maker, tells PN: "The earlier we become invulved the better. It's not unusual for us to be working with the marketing and development departments for 12 months before a product is launched."

Recently the company has worked with Buots The Chemist un its No 17 Cosmetics, Sara Lee on its Radox herbal bath and Marks & Spencer on its hair care range.

The company, a division of Bowater ple, uses speerrophotometers linked to computers to generate colours on a visual display unit. This saves time and gives increased colour control, according to Victor.

"A library of 40.000 colours'

"If a customer has a sample of the colour they wish to match. then we may well have something suitable in our library of colours, if not we can use the spectrophotometer to quickly help produce a match," says Mr Donkin.

Customers may create their own colours. "They sit with us and if they want green we can run through the options on screen, adding a touch of blue or yellow to obtain the exact colour."

The colour laboratory then. produces a plastics plaque of the colour shown on screen in the polymer intended for the product. "There is no need for a series of plaques to be sent between us and our customers until eventually we hit on the 'sky blue green' rhe customer wanted all along. If a customer is introducing new colourways for a relaunch, the time savings

Trialling the colour io the polymer is vital because differenr polymers react with colour in different ways. Opacity and texture affect the visual impression. Lighring is also considered: Victor has oo-site facilities to match for north daylight, artificial daylight, rungsten or the lighting condi-tions of a specified retailer.

> "Designed to cut waste: and costs"

cutting waste and costs.

Four Woolworths store

are trialling the recycled display

pods and further stores are

planned. Previously Wool-

worth's display system used

injection moulded whitepods

Victor has set up a repro-cessing programme for Wool

worths, involving a number of

suppliers. Sorting and grading of the original white pods is

done by plastics recycling company Tripenta Ltd, which

regrinds the ps and extrudes it

sacks, where it is coloured to

Woolworths' precise new spec-

ification before being re-

extruded and delivered to

from raw polymer to produce

a specific colour. In this case

we are recycling an existing colour, which we have to alter

to produce the perfect end

result, a process made simpler

and faster by our computeriset

colour spectrophorometer,

moulded into the required

form and delivered back to

Sloane for installation in the

The material is finally

comments Mr Donkin.

high street stores.

BLACET A CONTA NAME OF THE TOTAL TOT

"Normally Victor works

Regent Mouldings.

delivered to Victor In

Pelletised material is then

in pellet form.

Victor (4 Hockley Court, 240) Stratford Road, Hockley responding to the needs of Fleath, Solibull, West Midlands small to medium size bakers B94 6NW - tel: 0564 783113 for plastics food trays given the fax: 783118) is currently helping to re-colour and recycle Woolimited selections available from larger suppliers, ir says. wniths' existing in-store music Masrerform is broadening displays in a scheme designed at

its range of trays to fill growing gaps in the market as some competitors reduce theirs. "Unless they ger substantial, regular orders, some of the bigger vacuum formers are drop-

**************** ping trays from their ranges. Deleting one of two from a choice of 200 is nothing to

Many smaller-sized bakers have been forced to seek alternarive suppliers, sometimes at

PLASTICS

Machine efficiencies were the main reason behind a switch by McVitie's ro using acrylic coated clear opp from UCB Films for packing a major Dutch biscuit range.

Kaas Koekjes, cheeseflavoured salted biscuits, are listributed as own label brands in the Netherlands. "We were looking ro improve the hear seal of our previous film," says a McVitie's spokesman. The company also wanted alrerna-

ives to a pyde coating. UCB's Rayopp RC was elected from a range of films. According to McVitie's, its seal integrity even at low temperature, performance on the man-

Plastics

supplied

ment, clarity and gloss were all reasons for the choice. "Rayopp RC is a high performance yet cost-effective

ufacturer's roll wrap equip-

alternative wherever eye-catching flexible packaging is required," explains Marrin Scarlett, marketing manager for opp products at UCB Films (Wigton, Cumbria CA7 9BG tel: 06973 42281, fax: 49305).

The biaxially oriented film is coated on both sides with an aqueous acrylic dispersion. The film's properties include good moisture protection and aroma barrier, says UCB.

Requested **Readers Choose** then," says narional accounts sales manager David Darby.

very short notice.

There has been heavy investment in equipment by Masterform, culminating in the purchase of another Russform auto pack rhermoformer. Earlier this year, Masrerform (MDM House Rainham Road South, Dagenham, Essex - rel: 081-595 4145, fax: 081-593 6500) became part of the

MDM organisation

MEDIA INFORMATION 1994/5 MEDIA INFORMATION 1994/5 MEDIA INFORMATION 1994/5



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(see ovet) TOP READERS RECOMMEND IT. ABC ALDIT-leaus 1993

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MEDIA INFORMATION 1994-1995



If you're not fully awate about the benefits of Borden's Resinex Cast Co-extruded Pallet Stretchwrap, here's something to chew over.

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packaging resin saw a demand

growth of almost 10 per cent in

1993." So said Keith Mitchell,

director of PCI (Xylenes &

"This must be compared

with far lower growth rates,

sometimes negative, in other

packaging applications," he said,

adding that "1993 saw the

groundwork laid for further sig-

nificant demand growth in 1994

and beyond," He also referred

to the trend towards a greater

proportional use of pet for pack-

aging products such as mineral

water and for sheet, rather than

Estimated 1988 regional supply and demand of virgin pet resin

container applications.

Africa/Middle East 2

Pet recyclers have the

capacity to recycle many more

ised the plastics

try and today, its

applications are

widespread, Pro-

duties of a range

of products as

diverse as edible

oils, mineral

and beers have

products.

all adopted the material for their

But, warns Continental

Expert advice and realistic

Polyesters).

The Plastics High Performance Packaging

Engineers - European Sections, was held earlier

this year in Dusseldorf. It dealt prominently with

latest technological development in processing

this polymer. Speaker at the conference Viadimir

pet growth of the packaging market and the

continues to grow

M Wolpert reports.

tonnes of pet containers, if

they can get more communities

to organise the collection of

higher quality material, he said.

He listed the established

to develop a similar bottle for

of the bottle is its oval shape.

material and not particularly

easy to squeeze so the design

of the bottle is critical,"

explains Mr Jones. "The oval

shape provides a wide middle

most effec-

earlier this

year, is pro-

duced in

mono layer

ing excel-

properties

to maintain

brand leader, so it is fitting that

we should offer a first in the

marketplace with the introduc-

tion of a popular squeezy hot

tle format in pet," says CPC

UK's purchasing manager,

Peter Layeock. "At the same

time, it was essential that we

retained the enrrect image and

well as replacing glass contain-

ers in many instances, pet is

also creating its own apportu-

nities. Last year, for example,

RPC worked with KP Foods

to produce the small pet tube

for KP's nut range. A larger

version will be on the shelves

According to Mr Jones, as

positioning of the product."

Key to the squeezy nature

"Pet in itself is a strong

the UK market.

World demand for pet Emphasising pet custom mouldings

When RPC Containers set up its Blackburn site in 1988 it was to develop its injection moulded range of pp small conference, sponsored by the Society of Plasiles pots, but the factory now houses seven pet machines and increasingly, the hottles and containers produced are eussom moulded to order.

Initially, the company began by producing wide

mouth jars for confeetionery and snack food products as catering size packs sauces an es in mar kets lik

these are as indication inroads that

what were Squeezy 340ml pet meyonnelee bottle

once tradi tional strongholds for glass, says the company (Haslingden Road, Guide, Blackburn, Lanes BB1 2PX - tel: 0254 682298, fax: 583752).

Philip Jones, RPC Blackburn's sales and marketing manager, is confident that pet will continue to make inroads into markets where glass has up until now held sway, partieularly among high value consumer products.

More recently, the site has begun to produce a squeezy 340ml pet bottle for CPC UK Ltd's leading brand, Hellmann's mayonnaise and, perhaps even more significantly, some coffee brands are also now being packed in pet.

Although initially only catering sizes of coffee are involved, RPC believes the tually to retail packs.

has been available for some time. CPC UK Ltd approached RPC, who already supply the company with pet catering jars and pp small pots,

> line by the end of 1998 and, when combined with additional capacity resulting from new plants in Mexico and Spain, Eastman's pet manufacturing capacity is expected to increase from the current 727,000 tonnes to 1,045,000 tonnes by the fourth quarter of 1998.

"We are experiencing unprecedented worldwide demand for pet and considering all the options to meet this market need as quickly as pos-

sible," says Holliman. In the UK, Eastman can be contacted on: 0442 241171.

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obscured, maximising point of sale impact Special promotion

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section where pressure can be applied to squeeze the bottle, which was introduced

panels ara provided on the front and back of each Multipack

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PET Europe (CPE), although upgrading from alternative packaging materials to pet can be a sound economic move, it still represents a major step, particularly for smaller companies.

assessment is vital, says the company (The Willowbrook Centre, Curver Way, Steel Road, Corby, Northants NN17 5XN - tel: 0536 401424,

CPE is the largest producer pet preforms and bottles for soft drinks in Europe and the company offers customised

waters, soft drinks A selection from Centinental PET UK's latest range of bottles

fax: 265723).

At CPE. on-going research and development has brought about weight reductions and increasingly efficient use of

ry service to full

turnkey con-

pet as well as the more economical use of production resources. More sophisticated production techniques, allied to computer aided design, has opened the way to containers in more exciting shapes and colours, says the company.

For further K9 Call for deta Information 134 0839 77226

in 1991, to 1.7 million tons in 1992 and to an estimated 1.9 Polyrecycling, Switzerland million tons in 1993. • Tecoplast, Italy. In his presentation, Furthermore, he added. Increasing the recovery rates of Texplast by in the Netherlands pet containers in Europe, Vince were currently developing grammable features, he said. Matthews, director of PETrecycling facilities and this CORE (Pet Containers Recycould only help the increasing eling Europe) explained that number of schemes spreading the aim of the organisation "is across Europe. to raise the quantity of pet Several presentations on containers recovered from the latest developments in the domestie waste streams and processing of pet were made deliver it to the recyclers."

(1.9 million tennes The world pet demand (virgin resin material) increased containers in Europe as: for packaging from 1.2 million Reko, The Netherlands tons in 1990 to 1.4 million tons Reprise, UK

Wellman, The Netherlands

throughout the conference.

In the paper Pet for hotfill

Pet switch needs technical help

million this year, and 1,400 million in 1995. Marjan Stosie, uf Husky Injection Moulding Systems in Canada referred to 96 cavity moulding machines with an output uf 1,860 pound per hour.

Pinter of Johnson Controls

International said that the total

plastic hear set (hotfill) in the

US and Canada had increased

from 5 million units in 1987 to

100 million in 1990. In 1992, it

had increased to 650 million in

1993 it was 1,010 million and it

was expected to reach 1,200

His speech was headed Designing the plastic injection plant for the year 2000 and he talked of the advantages over previous 48 cavity, 300 ton machines with the new equipment. The new 96 cavity 600 tonne machines run

at 93 per cent efficiency. Sauli Tormala or ToolVave Instruments said that "the TopWave preform quality tester has been designed to preform the free-blow test as fast and easily as possible. The laest microprocessor technology enables fully automatic testing sequences with several pro-

In a paper entitled Advantages of the warm preform Henk van Manen of Rigi Lid said that warm preform - one stage system (WP) offers many advantages over cold preformmultistage systems (ep) in making pet bottles, for bothinhouse and resale production

trend could well spread even-On the Hellmann's mayonnaise project, the concept of squeezy pet was originally

developed in the US, where a squeezy bottle for the brand

Around £3 million, including the purchase of a range of Nissei injection stretch hlowmoulding machines capable of producing containers in sizes rom 250ml up to 5 litres, has been invested by RPC since the early 90s. "We are serious about our specialisation in pet," says Mr Jones, and our machine specification means we can produce containers with neck diameters from as low as

28mm right up to 140mm.

Eastman Chemical Company, the world's largest producer of per for packaging applications has announced that it intends to increase its annual pet manufacturing capacity by 45 per cent by the end of 1998.

Harry H Holliman, vice president and general manager of Eastman's Container Plastics Business Organisation. says the capacity increase will be made possible by the construction of new plants as well as process improvements.

A 118,000 tonne pet plant in North America will be on

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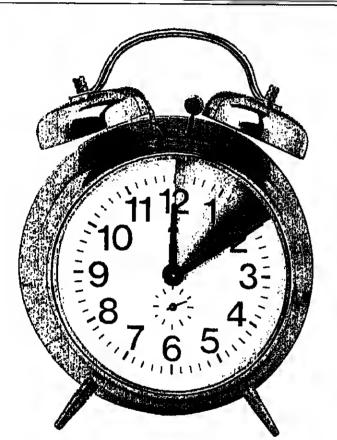
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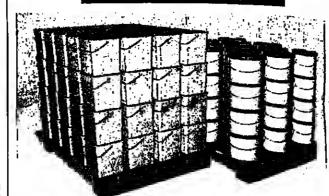
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PLASTICS



Thurger Bollá'e range of equare plestics conteiners: e better fit

Square containers fit 80 on a pallet

Four colour wraparound print, tamper evidence and better pallet use are among the advantages of Thurgar Bulle's range of square plastics containers.

Available in 2.5, 5 and 10 litre sizes, the containers will fit, in the largest size, 80 on a pallet as compared to 52 round containers of the same volume. A high nesting density, reduced warehousing and transport costs and better use of shelf space all result, says the company.

Moulded in food-grade copolymer pp, the containers have an antistatic additive and have been tested for compliance with European Directive standards for contact with food.

According to Peter Hinds of RHM's McDongalls Carering Foods, which has been using square containers for dry soups and using shrink sleeves, the in-built tamper evidence would be an advantage. On the SQ range, this means a breaktab at one corner of the container which gives access to the lid edge once broken away.

While ohlong containers have been available in Europe for some time, Thurgar Bolle believes that the way forward is with squares. It was first into the European market with large general purpose squire containers, says the company (Telford Way, Kettering, Northauts NN16 8UY - tek 0536 410111, fax: 310151), with the introduction of the 10 litte

Four cultur printing on all four sides can be provided to photographic half-tone quality if required. This 360deg inhouse printing is achieved in a single pass. On-mandrel uv drying is said to unprove image quality and print speed.

version in 1992.

A peelable lid adds to the security of the closure generally. "We've achieved a tremendicus amount of lid-fn security," marketing director Mart I lankins tells PN.

The company is planning expansion of the square range over the next few years. Its PS range of round continers already covers volumes from 2.5 to 25 litres.

For further K9 Call for deta Information 146 0838 7722

and Pulycan plastics container

business was bought from the

Carnaud Metalbox Group at

not alter any continuing supply

agreements, says RPC, and the

move is said to further

strengthen its position in the

plastics paint can market RPC

has been producing its

Paintainer range of containers

since the mid 80s at its

This latest purchase will

Paint can acquisition

RPC Group ple has acquired field for RPC, as the Fabean the plastics paint can business from Lawson Mardon Packaging, a division of Alusuisse Lonza Holdings Ltd of Zurich for a sum of £1.2 million.

The assets from the Lawson Mardon Plastics' Industrial Containers division in Suttonin-Ashfield include the Metrican container and the Florence plastics can which is a tamper evident version manufactured exclusively for ICI Paints. It is the second acquisition in this

Liquid drum addition

Responding to chemical indus-try demand, PD Plastics has extended the scope of its Eurotainer range with the addition of a 30 litre capacity drum.

There are now six in the range of 'square-round,' liquid carrying drums, blow moulded in hmpe in 10, 12.5, 15, 20, 25 and now 30 litte sizes. Secure closures available include bungs and screw caps with anti-pilfer and tamper evident features, says the company (1 Paxton Place, Plimbo, Skelmersdale, Lancs WN8 9QH - tel: 0695

Oakham plant (0572 723771).

the end of 1991.

23641, fax: 51803). The smaller drums meet the needs of suppliers to the catering and institutional markets, while the 25 litre size is certified to UN Group I for carriage of dangerous goods. The 12.5 and 20 litre drums have Group II certification.

PD Plastics is currently seeking UN ceruficates for the later additions to the range.

According to the company. its 25 per cent increase in Euro tainer sales this year is down to the effective use of space in storage and transit offered by the 'square-round' profile of the containers. For further K9 Call for details

system options

German specialist manufacturer of industrial fastening tools Heinrich Buchnen has launched an extensive range of hot melt adhesive application equipment onto the European market.

"We are dedicated to giving the end user a variable range of purpose built machines with a election of interchangeable options, so that the customer can choose a system to meet its particular requirements," says Martin Dennis, business manager in the UK.

Benefits of the HB4000 series include a wide range of units covering bulk ranks ranging from an output of 4 kilos an hour up to 50 kilos. All units can include either a single or four hose option, suitable for spray, bead or slot nozzle coating applications.

According to Mr Dennis, these features ensure that customers do not have to purchase a higher output system than would be cost effective.

Gear or piston pump units are available if compressed air is a problem and the applicators can include sophisticated microprocessor controls or modular temperature controllers can be fitted.

An additional benefit associated with the HB4000 series is that it can aid manufacturers currently using solvent based adhesives to change to a different method of production, says the company (Unit 19, Campbell Court Business Park, Bramley, Basingstoke, Hants RG26 5EG - tel: 0256 880920, fax: 880285)-

Buehnen have a full range of 100 per cent solids adhesives, developed with solvent placement in inind

Software

Flexo repro house MCG is now able to offer its customers a more extensive service following the installation of three Artpro origination software packages from Laserpoint (1 Moons Park, Burnt Meadow Road, North Moons Moat. Redditch, Worcs B98 9PA - rel: 0527 63322, fax: 63107).

for further K9 Call for details

Hot melt **European action** on legislation

plying the printing, publishing,

making and converting industries, is now the secretariat and Michael Southworth the president, of Eumaprint.

pulp, paper-

Enmaprint is the European Committee of Printing and Paper Convert- Michael Southworth has been ing Machinery mede president of Eumeprint

Manufacturers and its member associations cover Switzerland, Germany, France, Italy, Sweden, Spain, the USA and UK. Its role is to act as a focus for the printing and converting machinery manufacturers in Europe, and as such, it organises the exhibition calendar, monitors European legislation and standards, and allows industry leaders to meet togeth-

er to discuss industry issues The Secretarias of Eumaprint circulates among member associations on a twoyear cycle, and the UK has taken over from the German association, the VDMA.

Michael Southworth, managing director of Spooner industries was elected president from July for a two year term. He is a member of Picon's Council and a previous president of the British Paper Machinery Makers Association.

The most pressing issues before Eumaprint include the European Harmonisation of Safety Regulations for Printing and Paper Converting Machinery and renewing the current agreement on the scheduling of exhibions beyond the year 2005.

Machinery Directive that

January 1995 as the Supply of Machinery (Safety) Regula-

tions 1992 requires manufacturers tn ensure their machinery:

wide-ranging health safety requirements in some

cases has been subjected to type approval by an approved body • carries CE

marking and other information. At the end of 1992, a draft standard prEN 1010 for print-

ing and paper converting machinery was published, for which negotiations between the European Standards Bodies continues. In particular, the insurance industry in some countries (including the UK), is looking for a breakdown within the standard for different categories of machinery.

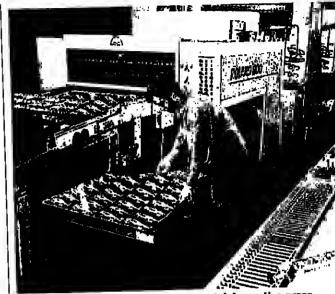
Fair competition

It is important that this work is completed as soon as possible in order that there can be fair competition across the European market, says Picon (Queens House, 55-56 Lincoln's Inn Fields, London WC2A 3LJ - tel: 071-831 3303, fax: 071-831 6029).

"The European printing and paper converning machinery makers have been preparing for the introduction of the European Safety Machinery Directive, but it is important that the European Standards are adopted as soon as possible," says Michael Southworth, president of Eumaprint.

European Safety For further K9 Call for details

TURN TO



The Men Roland MOP 800 four colour metal decorating pres

Multi-colour service for metal decorating

The world's first metal decorating press capable of printing four or six colours in one pass the MDP 800 - has been launched by Man Roland.

Until now, all metal decorating presses have only been available as one or two colour machines, but the redesigned R800 series press now offers multi-colour aluminium and steel printing.

According to Keith Gatfield, sales director of UK agent PPS, "the new Roland press will give specialist tin printers the opportunity to provide their customers with a

high quality full colour product, and with shorter lead times." The MDP 800 prints four or six colour wet-on-wet ink with conventional metal decorating inks. Two colours are printed in one gripper bite, giving precise register. The press has no intermediate

drying stations The machine is available in two, four or six colour versions from PPS (Dover House, 141 Morden Road, Mitcham, Surrey CR4 4XB - tel: 081-648 7090, fax: 081-640 6604).

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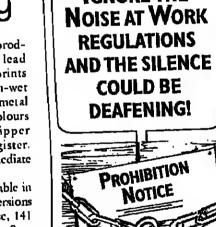
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Helping to ensure slit width accuracy

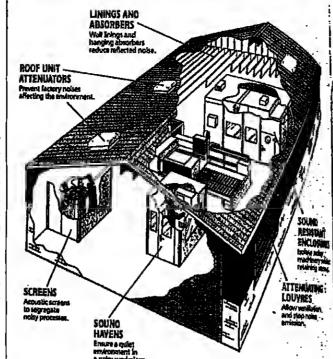
ESP(R) electronic slitter positioning system from Tidland (UK) Ltd for installation at its packaging material production plant in Wrexham. It will be installed at the

end of next month, and will be slitting converted laminated hoard in-line, at weh widths of 1650mm and at speeds up to 450 metres a minute. It will achieve a slit width accuracy up to ±0.05mm while allowing respositioning times of under one minute, says Tidland (70/72 Manchester Road, Denton, Machester M34 3PR rel: 061-320 7242, fax: 061-320 (1513).

• To aid users and potential users of slitting equipment,

one-day seminars for this month, under the title of Shear Slitting Performance. The Northern seminar will take place in Oldham on 13 September while the Southern forum is being held in Swindon on September 15. The cust is £70 plus vat.

Slitting is fundamental to finishing and converting, says the company, and the more operators know about the process, the greater their ability tu enhance product quality. As well as the in depth wurkshop, attendees will receive a workhook and all course materials from the day.



Tackling noise at work

To combat the increasing pressure that the Health and Safety Executive (HSE) regulations place on employers in terms of controlling noise in the workplace, Sargents Acoustics has aunched a new division to tackle this issue.

Part of the Hunter International Group, Sargents' produets cover the complete range of acoustical hardware, including sound resistant screens, enclosures and doors, acoustic barriers, isolated floors and eeilings, duet and fan mounted attentiators, vibration isolators and attenuating louvres.

Historically, the company has cuncentrated on supplying its products to the building and allied trades but, predicts managing director Philip North-field, 40 per cent uf its noise and vibration control equipment will be supplied to manufacturing industry in two years time.

The Noise at Wurk Regulations which came into force in January 1990 impose a duty on the employer and employee to

prevent damage to the hearing of workers from excessive now in the workplace. The law requires that steps be taken to reduce the risks of exposure to muise at specific action levels.

"It is worth bearing in mind that if you have to shou to be clearly heard from about 1 two metres, you probably has a neise problem," says Mr Northfield. According to Mr Northfield, ear defenders are often seen by the HSE as a last resort, not a total solution. Companies are als

required to carry uut noise assessments, which is why Sasgents has appointed a national UK network of independent professional acoustical consultants. These consultants are not employed by Sargents, and so will therefore undettake an unbiased assessment, says the company (111 Mills Road, Quarry Wood Industrial Estate Aylesford, Kent ME20 7NB. tel: 0622 791107, fax: 791095). For further K9 Call for delated information 136 0839 7728

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PACKAGING NEWS/SEPTEMBER 1994

Solventless lamination quickly commissioned

installation of a solventless liminator from Schiavi at converter Brand Packaging involved, along with the benefits of an appeal to Continental eustomers, especially fast commissioning, says the company. Brand had turned out two

major jobs in the first two weeks after the installation of the Eco Convert "Junior". The laminator was delivered on a Monday and by Wednesday afternoon it was up and running," says Dave Moorcroft, sales director at

Brand already had two laminators, and was interested in adding solventless to its range. "We'd been looking at solventless for two or three years, and felt that we should go forward

with it," says Mr Mooreroft.

With markets such as Germany specifying solventless adhesives, Brand now says it his the ability to compete headon with Continental converters in rheir own markets. Materials run on the machine have already included a coffee wrapper for a German manufacturer.

> "Speeds up to 300m a minute"

Speeds can reach up to 300m a minute, laminatine a web up to 1250mm in width, says the

Other benefits of the system, says Brand, include finer

from the lack of the drying area typical of traditional landinators, giving a shorter web path.

Over a year ago, Brand installed a Schiavi Concorde Universe six-colour gravure press and, so as to maximise productivity, have complemented it with a Bobst Registron automatic defect detection system. The most recent upgrade to the system involves Defect Plus, for even tighter control of colour defects, and automatic reel reports, giving a printout of any faults.

By using the S-3400, Brand is able to run the press at up to 250m a minure. The system was originally designed for eigarette carton printing, explains

Brand, where companies demand zero detects. Similar standards are increasingly being demanded in flexible packaging, says the company.

> "Cigarette companies demand zero defects"

UK agent for Schiavi and Bobst Registron equipment is Eurograv Ltd (Sprint Industrial Estate, Chertsey Road, Byfleet, Surrey KT14 7BD tel: 0932 336262, fax: 336271).

Brand, which supplies flexible film-, foil- and paper-based materials to a range of sectors from snacks to toiletries. exports around 20 per cent of its production. Plant dow consists of three gravure presses, one flexo, three laminators, an extrusion coater/laminator and a waxing machine.

NAMES AND LONG AND A STATE OF THE STATE OF T **"你们"的"你们"的"你们"。在1000年间** FOR THE STREET, IN THE PROPERTY OF THE PROPERT 位列。有能够被抗免疫的动物的指导的主要等。这种概念的特别的是这些直接 SLITTERS REWINDERS RESPOCLERS Modela 10-60 & 20-60 Zircon Models 30-60 & 45-60 Respooler/Rewinders Rewinder/Slitters Diamond Series 32-30 Rewinder/Slitters

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reweighed and a further ticket and, with 95 per cent of its issued recording the gross output destined to be used for weight of rolls despatched. food packaging, the slightest risk of contamination was a major headache. ETRO SERVO SYSTEMS FOR POLY BAG MACHINES RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACH FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE

Flexible solution to dust

to the snack foods industry

Sidlaw Packaging-Scotcell has

overcome problems of dust on

its films by installing platform

scales and labet printers from

Sidlaw's factories at Glas-

gow and Grangemouth had a

recurring problem in the form

of dust which collected on rolls

of printed polypropylene film

while they were waiting to be

individually wrapped, weighed,

labelled and put onto pallets

'A maior

The factories' ten flexo press-

es each turn uut one 20kg roll

of lilm every three minutes

Mender-Toledo Ltd.

Discussions between Met-

tler-Toledo and Sidlaw has

resulted in a solution involving

the transfer of the weighing

operation directly to the pro-

duction machines, combined

with the automating of the roll

and pallet labelling process.

This has been achieved by

intruducing platform scales and

label printers from Mettler-

Toledo (64 Buston Road, Beau-

mont Leys, Leics LE4 1AW .

tel: 01162 357070, fax: 366399).

linked to a 60kg capacity Met-

tler KB60 platform scale and

an 1D5 control terminal which

automatically produces a label

on a Mettler GD46 printer,

showing the roll's nett weight

along with the date and cus-

The full pallet load is then

torner details.

Each of the ten lines is now

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20~23 September 1994 **NEC Birmingham UK**

For four days in Suptember 1994, the European converting industry will gather at ${\bf B}_{\rm triming}$ bands National Exhibition Centro.

Thin reason is Convertex 94 – a unique occasion for the converting industry, and the only exhibition of its type to be held in the UK.

Don't miss this opportunity to see the latest technidagy from major manufacturers and suppliers of machinery, ancillatios and all. materials which contribute to the conversion of paper, board, film and foil.

his year, there is even more for visitors to Convertex, with saminars and conferences dealing with Flexography and Quality issues.

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ducers have a wide range

from tissue and other

mproved quality.

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duct tension, has brought

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CONVERTEX PREVIEW

Exhaustive recovery

An extensive range of equipment and systems from Sintplex Turbulo Company Ltd's principal companies, all designed for the converting market, will be demonstrated.

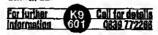
From Air Products Grabfl will be Crya-Salve recovery systems which use the princitile of low temperature condensation to recover extraust process solvent used in the saper, film and foil converting inclustries as well as efes and waste solvent products from other industrial processes.

Visions can also discuss the range of high vacuum roll turoll coaters from Galileo Vacuum Tec spa, which can be used on all types of metallised plasties film, paper and paperboard. The inetallised films Stand: 229 produced on the coaters allow aluminium foil to be replaced

From Lutaflex GmbH

comes the recently patented Luraflex spreader roller, said to he a proven alternative to the conventional howed roller. According to the company, the non-driven spreader roller prevents creases and is effective at contact angles from 25 to 180deg, depending on substrate and web tension.

As well as the established expanding shafts and chucks range from Vorwald GnibH, a new safety chuck which has a non-rotating locking mechanism will be demonstrated, says UK agent Simplex-Turbulo (Wherwell Priory, Wherwell, Andriver, Hants SP11 7JH - tel: 0264 860186, fax: 860180).



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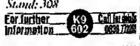
chucks which are specifically designed for the paper and converting industries will he shown by Tidland (UK) Ltd.

Included in the range of air shafts will be carbon fibre technology units, designed for strength and lightness, says the company (70/72 Manchester Road, Denton, Manchester M34 3PR - tel: 061-320 7242, fax: 061-320 4513).

High torque pneumin core shafes will be shown including the 800 and 955 series. These feature one pine external elements, said to previde minimal downtime ke maintenance purposes. Also demonstrated will be

the Series C Knifeholden The design is said by Tidlad to integrate easy adjustment accuracy and safety.

For visitors interested in . the electronic slitter position ing system (ESP) available from the company, the unit will be demonstrated on rideo Stand: 308



Modern flexo on display

Visitors to this month's Convertex exhibition w

be able to see the latest developments from

nearly 100 companies. A series of seminars

two of the three day event.

under the Flexo Forum banner will also run for

The show takes place in Hall 10 of the NEC.

Birmingham, 20-23 of this month. Further

information is evaileble from organiser Read

Exhibition Companies (tel: 081-948 9800, fax:

On the next four peges, we preview just some

081-946 9989). Converting World will be on

stend 506 so pleese come and visit us.

of the products to be demonstrated.

The advantages of modern day flexo will be shown on the EFTA, the UK European Flexographic Technical Association stand, with displays of winners of this year's flexo print awards.

Training courses

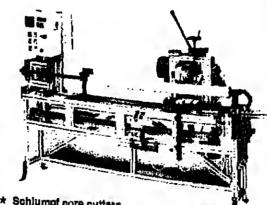
Details of literature and training courses will also be available at the show. The next hands-on course is 'Understanding the flexo process'

November in Cheshire, while | the next seminar is called 'Consistent print quality - the ley to increase profits' and is on? October.

Further information is available from EFTA secretary Tony Bath (7 Limerick Road, Redland, Bristol BS6 7DX tel/fax: 0272 246965). Stant: 514

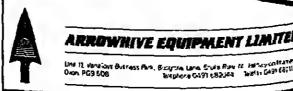


SCHIUMPE CC-SERIES



* Standard CC-series core cutters can put paperboard cores with Inner diameters of between 25 and 150mm.

Various models to sult log langths of from 1000mm up to 3500mm.



CONVERTING

CONVERTEX PREVIEW

Transmission reliability

Power transmission equipment from SEW Eurodrive Ltd which is said to now meet virmally every customer's specific requirement, will be on show.

The product range encounpasses geared motors of Helical, Helical-Worm and Helical-Bevel forms, which are world famous for reliability. says the company (Beckbridge Industrial Estate, Normanton, W Yorks WF6 1QR - tel: 0924 893855, fax: 893702).

This year, SEW Enrodrive has adopted sole responsiblity for the sales and servicing of the Samasalo Gears Ltd's range of heavy industrial gear units. These units are available in parallel, right angled and planetary drive configurations. Stand: 310



Smell eelection of SEW Eurodrive Ltd'e helicel geered motor renge

Rotary and flat bed converting range line, and semi-special or totally

524422, fax: 513703).

Edale (Budds Lane, Romsey,

Hants SO51 0HA - tel: 0794

the advantages of both rotary

and flat bed die cutting

machines is that they increase

productivity. The move from

sheet fed machinery to con-

verting in reel form has meant

that converting can be com-

bined with printing in just one

appdating its design and manu-

bass, says the company. Edale has invested in

According to the company

Edale Ltd is exhibiting at the customised machines can be show to increase awareness of designed as required, says its rotary and flat bed converting equipment for die cutting, punching, laminating, perforating, slitting and sheeting.

"Developed over the years for use with flexo or screen presses

The company's standard range of rotary and flat bed converting machinery has been developed over the years for use with Edale's flexo or screen presses as well as PB&E's hor foil stamping presses. These units can be either in or off

Static charge

systems will

provide big

facturing facilities and can now offer computer aided design from its in-house red division. Stand: 140

Satisfying lifting and handling regulations

Equipment to satisfy the lifting and handling regulations, especially the movement and rurning of reels of paper and film, will be shown by Bucon Ltd.

A manual reel swing suspended from an articulated arm, capable of moving reels from the axis vertical to barizontal position will be shown. Also featured on a Bionic

Arm will be a handler for small shafts up to about 100kg in weight, says the enmpany (Denton Drive Industrial Estate, Northwich, Cheshire CW9 7LU - tel: 0606 47711; fax: 40272).

Stand: 360

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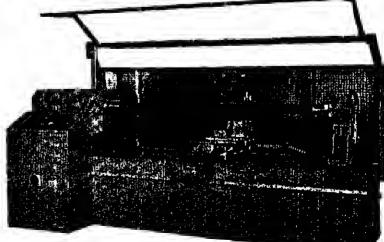


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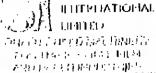
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WOODBANN 31', 1987
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AFEX 60 MM, ROT, 250 MM DIE, 1300 MM
DOWNSTREAM
AFEX 60 MM, ROT, 280 MM DIE, 1300 MM DOWNSTREAM AFEX 90 MM, ROT, 380 MM DIE, 1800 MM DOWNSTREAM

DOWNSTREAM
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DOLC 75 KV, 1200 MM DOWN STREAM
TWIN WINDER
KIEFEL ROTEX 40 (4)
KUHINE 45F, LDHID, 7 M DOWNSTREAM
REIFENHAUSER 60, 1303 MM DOWN
STREAM
NIP UNITS 2.2 AND 2 4 MTR
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MIPS 30 MM DIE.

90 MM BIELLONI, BACK TO BACK, WINDER.
NIPS, 300 MM DIE:
75 MM INGRIBOSSI, NIPS, WILDER + DIE
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HYDRECLAIM LINIT
PROCESS CONTROL UNIT IASR)
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ALPINE RE16080, 1684
GLOENCO 80 MM, 40 STRAND DIE, CUMBERLAND PELLETIZER
PLEXO CI
MANZONI B COL., 4 CI + 4 8 TACK, 850 MM
WEB, 1699, P5375
SIMON VK CENTRAPLEX 434, 4 COL., 47*
WEB, 36* SPUCINO, P4601
SIMON VK CENTRAPLEX 400., 8 COL., 47*
WEB, 24* SPUCINO, P638 I/P6328
CMF PRESTIGE, 8 COL., 4 80 MM WEB, 1991, P6321

P8321 PADANE ZODIAC, 6 COL., 1359 MM WEB, 1888, P8312 WAH OLYMPIA 1375, 6 COL., 1290 MM WEB 1972, P8299 WAH OLYMPIA 736, 8 COL., 1320 MM WEB

P6116 COMEXI BRUCN, 6COL | 4CI + 2 STACK | 980 MM, P6322 CMP MIRAGE, 6 COL, 1450 MM, 1988, P6413 CARRARO MONDCOROFLEX, 6 COL, 1450 CARRARO MONDCOROFLEX, 6 COL. 1450
MM. P8147
MAF GALAXY, 5 COL. 1450 MM. 1998, P5159
FLEXO BTACK
CARRARO KLIENER, 4 COL. 1000 MM WEB,
1970, P305
MANZONI HEZA 704, 4 COL. 1550 MM WEB. MANZOHI NEZA 704, 4 COL , 850 MM WEB, 1989, P8239 P&L 33 OF, 4 COL IN 8 COL FFAME, 1100

MM WES, 1981, P0277 OMALFLEX 1200, 4 COL., 1260 MM VIEB, 1986, P0219 MAF, SUPEREXPORT, 4 COL.,000MM, 1973, MAF, SUPEREMONT, & COLLOCOMM, 1973, P9077
OMALINLINE, 4 COL., 1600 MM WEB, 1991, P6200
FLEXOTECHNICA 728, & COL., 1050 MM WEB, 1094, P4837
OMALFEX 130, & COL. 1700 MM WEB, 1992, P6278
CARINT 1924, 4 COL., 950 MM WEB, 1992, P4380
MANZONI NESAFLEX, & COL., 1270 MM WEB, 1892, P6399
C.E.M., 4 COL., 911NE, 1350 MM WEB, P4300/P801

P6300/P6301 FLEXOTECHNIC MM WEB, P6187 NICA, 3 IN 4 COL FRAME, 1880 ROTOGRAVURE ANDREOTT, 6 COL, 860 MM, AUTO SPLIC ING. 808MM, PACKAGING FILMS, 1070,

PS188
HOLWEG, 8 COL, 510 MM, NON STOP
UW/PW, PACKAGING PILMS, P6179
ROTOMEC, 7 COL, 1000 MM, PACKAGING
FILMS, P6048
TECHIO HELIO 508, 8 COL, 850 MM, 1678,

POTOMEC, ROTOLUX, 4 COL., 980 MM WEB 1970, P5324 CERUTTI IBR, SCOL., 900 MM WEB, 800 MM LWMRW, P5834 COATING AMINATING EGAN EXTRUSION COATING AMINATING LINE 1100MM, P6018 POLYTYPE 'SOLVENTLESS', 1040 MM 1976,

POLYTYPE 'SOLVENTLESS', 1040 MM 1976, P5008
BONE EXTRUSION COATING LINE, P6097
BUBANI DRY LAMINATOR, FLIA TO FILM, 1200 MM, CIRCA 1877, P6141
WERT VARICOATER, SOLVENTLESS, 1400
MM WEB, 1681, P6382
MTECO RAINBOW DRY LAMINATOR, 1050
MM WEB, P6100
ROTOMEC ROTOCONVERT, WET & DRY
LAMINATOR, R6098
KROENIERT PAK 520, WAX LAMINATOR,

LAMINATUR, 76899
KROENERT PAK 820. WAX LAMINATOR, 1860 MM, P6102
POLYTYPE SOLVENTLESS LAMINATOR, 1280 MM, P6331
SLITTINO/SMRETIMO/EMBOSSING
DUSENBURY DX300. CENTRE SURFACE. 1800 MM WEB, FILMB, P8425
HARINDEN BE, 930 MM, SHEAR CUT. BIN-OLE RW, NONEXT FILMB AND LAMS, P6188
ELDEC PAPER BLITTER, 1190 MM WEB, 1000 MM UNWIILD, 800 MM REWIND. P6860
ITTAM SRS, 1300 MM WEB, 1000 MM UW, OUPLEX 800 MM RW, P6191
KAMPF, 1300 MM WEB, 600 MM UW, DUPLEX 380 MM RW, P6191
KAMPF, 1300 MM WEB, 600 MM UW, DUPLEX 380 MM RW, P6191
GENTBESURFACE SULTTER, P6015
BIMEC, 1400 MM, DUPLEX, P6420
GOEBEL ROTOOD, PAPER BLITTER. 1000
MM WEB, P5068
HEIDERMANN, 800 MM, REEL TO REEL
EMBOSBER, P3300

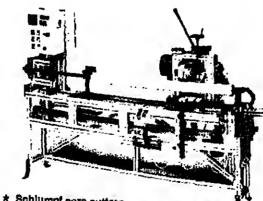
HEIDERMANN, 800 MM, REEL TO RESE EMBOBBER, P8309 BY RACHAN & HENSHAW SHEETER, MODE

1400HS, P8417
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holding and controlling paper and film products, says the company (Derllwyn House, Lamb Lane, Ponthir, Newport, Gwent NP6 1HA - tel: 0633

tomers with large cost savings

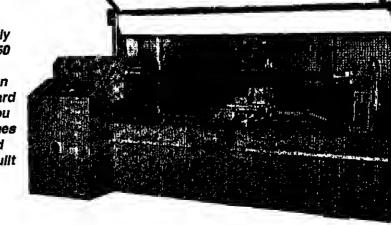
422292, fax: 430041). Stand: 513

and production benefits. These applications have to leet' come from the increasing potential that static charging systems offer in the areas of

JROGRAV

cost savings From the semi A complete range of static liminators will be shown by model C to the fully Arrowquint Ltd. including de units and those approved for automatic L1800/50 hazardous areas. (pictured right) On the stand will be many F.E.B.A. heve been innovative applications of static setting the etandard charging systems which are said to have provided cus-

to perform end built



recognised firm manufacturers a wide range of log winders for id's and lathe elitters up to 600mm in diameter.

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CONVERTING

CONVERTEX PREVIEW Single colour reel to ree Straight line

chucks and balanced bleed valves

Equipment from Alanco-Alamatic Lid to be launched includes straight line chucks, 'balanced' thruster bleed valves and guarding configurations. The straight line chucks on

show are a quarter toune range, designed to suit a 30mm square reel bur, while the 'balanced' thouster bleed valves have been specially developed for reel tension control. The company is at Wilron Street, Denton, Mancliester M34 3WD - tel: 061-336-1702, fax: 061-335 0100. Stand: 40

INNOVATIVE TECHNOLOGY IN

CONVERTING MACHINES

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e RIMOR AIRSHAFT

range of reel to reel flexo printing machines - a single colour 500nm wide model - will be hunched by Cooper Printing Equipment Company Ltd.

Machines in the Reflex range are designed to be easily affordable workhorses, and were originally launched at lpex last year, where they attracted considerable interest from converters of many different types of material, says the company (Heathfield Works, Leyton Road, Harpenden, Herts AL5 2JB - tel: 0582 764431, fax: 768608).

The Reflex range compris es straightforward, robust and highly economic in-line, reel to reel machines in one in four colours, and from 500mm to 1 metre wide. All are suitable for

LEAF SHAFT 3000 SERIES

Incorporating 360°

gripping prevents

Cell on 0838 772268 or enquiry number (K9.683

required, says the company. use on many substrates. Designed in modular form, Stand: 245 Reflex units can be configured For further K9 Call for data information 609 0838 7728

Tension control firsts

sion indicators and transduc-

"Precise

controller and uses a Diameter

control algorithm to ensure

uniform courrel response

regardless of roll diameter.h

may be used in unwind

rewind and intermediate to

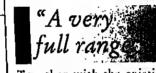
sion applications and provide

for fast and very precise to

ers, brakes and clutches.

Montalvo Series 3000 tension control equipment will be shown for the first time in the UK at the Convertex show hy Arrowhive Equipment Ltd.

The Series 3000 consists of the Model S-3000 digital tension contoller, the Montalvo X-3000 tension controller, the Model U-3000 tension controller with ultrasonic sensur and the Model D-3000 claucer roll controller.



Together with the existing equipment, Montalvo now has the most comprehensive range of tension control related equipment on the market, says Arrowhive (Unit 11 Vanalloys Business Park, Busgrove Lane, Stoke Row, Nr Henley-on-Thames, Oxon RG9 5QB - tcl: 0491 682044, fax: 682117).

stion control. Shand: 212 The Series 3000 is said to

UK agent Engelmann and

which has been given in Italy

to a new CI flexopress with av

drying has prompted manufac-

turer Flexoreenica to promote

the machine at the show on

The prime objective of all not els in the Series 3000 range is to provide precise tension control Vacuumatic will introduce its on any moving web by regula-'Mini-Management system' for ing either pneumatic duches printing presses, said to probrakes and, depending on vide a cost effective and practimodel, drive applications. al means of controlling waste The S-3000 is the mos and reducing costs while simuladvanced closed loop tension

tancously producing essential quality control information Accurate, on-press, subdivision of printed material is achieved by using an Electronic counter and controller (ECC),, says the company (Brunel Way, Severalls Industrial Park, Colchester, Essex - tel: 0206 841100, fax: 841166).

Stand: 10 For further K9 Call for details Information 611 0839 772268

Practical | Sleeves and sheeters

CONVERTEX PREVIEW

The Speedwell sleeves system and the range of sheeters from Strachan Henshaw Machinery Ltd will both be demonstrated at the show.

Development of the Uvi-

flex 508 press follows intensive

uv research, says E&B (Buck-

ham House, Lenten Street,

Alton, Hants GU34 1HH - tel:

0420 82421, fax: 89193). A

Speedwell sleeves are a lightweight, demountable image carrier made from GRP and with the special internal taper for non-slip application. They are already used by many hundreds of companies in flexo and gravure printing all over the world, says the company (Deep Pit Road, Speedwell, Bristol BS5 7UZ - tel: 0272

517272, fax: 52240i). Tissues, food and sweet vrappers, wallpaper and even fabrics are just some of the produces printed using Speedmaterial technologies have been seen over the last few years, leading to the range being extended to give further benefits to users of the system.

"SU 300 Shaftless unwind reelstand"

SI-IM expects to have an SU 300 reelstand on show, one of the new shaftless unwind stands. Visitors will also be able to discuss all matters relating to sheet cutting. Stand: 314

Faro offer the most advanced

machine.

retainers.

BRIEFS

CONVERTING

RANGE OF DC STATIC BIIMInation products, including anti-atelic air guns, nozzies end blower will be leunched by The Process Control Company (tel: 0288 84877). This will be edded to the X-Slet renge of products from the company. Stand: 345

Equipped with Flexotecni-PRICE OF PLACE on the Colmec ea's FNC numerical control Ltd (tel: 0258 814420). elond system, the Uviflex provides will be the Dalmec drum ttp per pre-register with automatic hich is litted with pasumetiand sequential mesh of the celly ectioned tooling to allow plate cylinder gears. It also eny operator to lift and lip a boasts the new Safeliuk system drum through 180deg. which ensures safe and easy Stand: 330 cylinder changes through a

remotely operator-driven OAROL PLASTIC MACHINERY Lid (tel: 0767 877320) will Many features, such as the introduce the Flexo compect drum coating, have been spehembered doctor blede eyscially designed to cater for uv, tem which is a lightweight, while the level of computerisatolniess steel chamber with tion and automation has been Internal and saols and doctor set to achieve optimum eight blades which can seally be changed without toolo. Stand: 414A

An edge-guide and Corona treater are incorporated. Stand: 208

demonstration model was

unveiled at Italy's recent GEC

The eight colour demon

stration version prims at up to

180mpm and has been

designed for all plastics films,

including ldpe, lldpe, opp and

pet as well as paper. The print

width is 800mm and there is a

repeat range of 250-650mm.

robotic system.

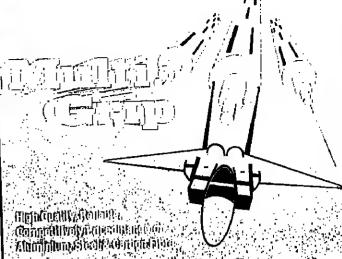
colour production.

OBOEN CHADWICK (UK) Ltd Ivision, Kim-Cor (tel: 061-520 1520), will show e selection of reel handling products including treditional button, etrip and lug contiguration type airefts in stool and aluminium construction, elong with its now 80 eeries eirsheil. Stend: 216

COMCO INTERNATIONAL, Eneray Sciences, Flacher & Krecke, HCl, Polytypo end Georg Senn will ell bo ropreeented on the Edion Mechinery Ltd (tel: 071-808 2266) stand. These compenies monulocture equipment as veried ee liexo pressed end peper seck meking machineo. Stand: 408

TORQUE ACTIVATED CORE chucks, lightweight eirshafts, e non-stop niltting module end en airsheft for nerrow web epplications will be domonutrated by Orion Mochinory Ltd (tel: 0453 890881). Stand: 237

The Rest!

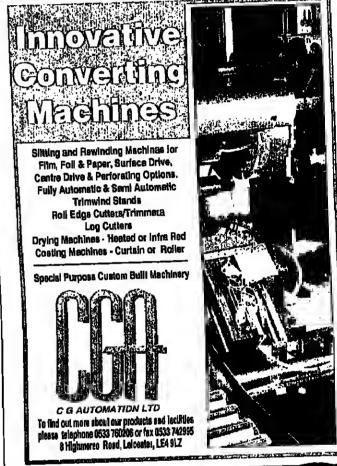


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TS COMMANTANTALE TO THE TANKS TOLOTERISEPERE THE LOCATION OF THE PERSON OF

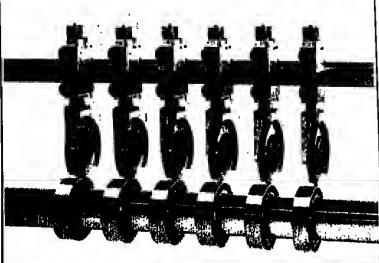
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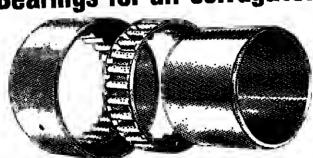
Standex company

Standex International Limited Unit 6, Cromwell Road Trading Estate, Off Cromwell Road, Bredbury, Stockport, Cheshire SK6 2RF Telephone: 061-430 6815 Fax: 061-494 5696

Cell on 0838 772288 or enquiry number 149.681

PACKAGING NEWS/SEPTEMBER 198 PACKAGING NEWS/SEPTEMBER 1994

Bearings for all corrugators Makes a turn for the better The Svecom BMS Series of reel Slewing of 180° from a fixed



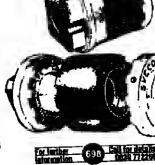
tifting & turning equipment position allows BMS to service can handle reels up to o two machines. Or BMS may maximum of 600 kilos.

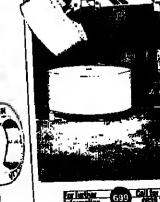
It can clump the reel both line of machines. horizontally and vertically. and rotare a full 180°, with manual or electro-hydraulic ower options. Both types cover the lond range 150-600

for application to all Inter-

national types of corrugoting Save money and save weight with the Svecom 715/PG A choice of radial or thrust types, precision engineered expanding chuck from evlindrical tollet designs - in Jarshire. sizes ranging from 15mm bore The 715/PG has a rubber

expanding body, which is recessed for easy insertion into the core. Expansions of 76mm to 350mm can be specified, according to chuck size. Options include round or square mounting bores, end flanges for winding mechines with moveable arms.





be rail mounted to service a

to 1(KK)mm old. Customers

may specify straight rings.

bronze cages and bronze end

Clearances and key-slots to

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Optional double lip outer ring.

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CONVERTING

Castaldini's EIS 2000

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metallised paper and alumini-

Complete size

pre-set tools

Complete size change in 15-20

minutes is said to be possible

on the Holweg RS-25 paper

bag maker as a result of pre-

Capable of producing an

average 625 bags a minute over

an 8-hour shift, the machine

uses a perforating tool that can

be interchanged in similar fash-

ion to the plate cylinder of a

flexo press, explains UK agent

Linro (Lowesden Works, Lam-

bourn Woodlands, Newbury,

Berks RG16 7RU - tel: 0488

"The perforating blades are

precisely pre-set, so it is not

necessary to make further

adjustments when starting the

machine," the company adds.

For further K9 Call for details

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wire; there's no secondary liner to strip off, and your customers

will give you the thumbs up for the convenience of your fingerlift

72525, fax: 0488 72302).

setting the tools off-machine.

change via

gusseted bags.

Capable of producing flat

EIS 2000 Evoluzione peper benmaker; produces ilat or estchel begs

BAGMAKING

or satchel bags from plain or cutting unit has been reposium foil from 30 to 120gsm, the tioned to provide greater access machine offers a speed up to and easier replacement of the 800 a minute. The size range die cutter and size changes, 240-740mm long and 80points out UK agent Edlon 320mm wide with a bottom Machinery (Edlon House, fold depth of 20mm for flat or Ashburton Grove, London N7 7AA - tel: 071-609 2266, fax: Compared wirh earlier 071-700 4833). Maximum dou-Castaldini bag makers, the dieble die-cut bag length is

Standalone plastics pouchmak-ing machinery has been devel-

oped by Coating and

Laminating Systems for med-

ical device packaging, and

offers a wide choice of bag

length, from 50 to 2500mm,

catering for devices such as

catheter sets that require a

system to a laminating line

developed by CLS for pharma-

ceutical and medical device

pouch material, the first of the

pouchinakers is now installed

within the UK, where it is

operating in a clean-room

environment. A second has

been shipped to the USA for a

Computer controlled, with

a colour graphics display and full data logging facilities, the

pouch maker was designed

from the outset as an electronic

similar application.

Designed as a companion

1500mm bag.

530mm, which can be achieved at maximum speed.

In particular, the die eutters are now adjusted by push buttons with single traverse control located on the main panel while parallel traverse control is located on the side of the die-entting unit itself. These operate servo motors

Pouch-maker for medical devices

machine, says Phillip Hopley,

director at CLS (Bank Works,

Tuel Lane, Sowerby Bridge,

West Yorks HX6 2EQ - tel:

0422 835692, fax: 0422 831167).

machine that is "economically

This, he adds, provides a

connected to a mechanical jack, fitted on the die-cuner shalt to move the die-entring bars in relation to the counter pressur rubher roller. Manual micro adjustments for punching acing directly on the jack, are also possible.

Pneumatic lifting

The EIS 2000 is able to accept reels up to 1000mm wide and in diameters up to 1000nim, or 1200mm on request. A pnesmatic lifting system raises the reel from floor level into the unwind station. Web tension is maintained by a preumatically operated disc brake. For complete in-line ba

production and print, Castal. dini's Flexografica E 100 fleropress can be coupled to the bag machine, providing up to

four colours. For further K9 Call for details loformation 621 0839 7728

attractive to commercial bag-

provides a choice of roury,

razor or crush cut slitting.

A universal cutting station

makers generally."

BAGMAKING

Press-button control for die cutters Immediate change of winding style

Immediate change from connected perforated bags on a roll to separated, overlapped bags can be achieved on an American built bag winder now available in the UK from Filmflex Machinery, agent for manufacturer CMD

This, together with the ability to vary the degree of overlap while the machine is running, contributes to high productivity by avoiding the downtime usually required for manual adjustment says Filmflex (West Street, Worsbrough Dale, Barnsley, South Yorks \$70 5PD - tel: 0226 730123, fax: 0226 249595).

The CMD model 4013-RO Rotary Overlap Poly Bag Winder is servo motor driven

an optional system to load cores automatically. Speed is up to 183 metres/min and the machine is able to handle overlap bag lengths from 305 to 3175 mm. Maximum finished roll size is 254mm diameter, 330mm wide.

Automatic roll banding"

For in-line finishing an automatic roll banding system can be supplied.

Also available from filmflex is the Nishibe range of stand-up and three-side scal pouch-making machines, including models designed specifically to handle the high

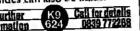
den (Manchester Road, Hyde,

gauge laminate stand-up pouches now used for paint, Inbricating oil and detergent, in sizes from 2 litres upwards.

"High seal integrity"

These thick gauge single and multi-layer laminate bags demand high scal integrity, points out Filmilex, and therefore servo drive and multiple scaling sequences are employed to maintain optimum seal times and therefore seal quality, independent of machine speed. Ancillary equipment is

available to provide pouches with reclosable zippers for bulk packed products such as petfood, reclosable screw thread pouring spouts and punelied out handles. Centraly sealed pouches with gusseted sides can also be made.



Resealable tape for bags

CORVEKTING

Resealable adhesive tape manufacturer Sealking has appointed Brattle Adhesive Materials as sole UK distributor.

Developed specifically for production of rescalable polyethylene and polypropylene bags, Polypeel tape can be cut by hot wire and has a permanent adhesive on one side and peclable adhesive on the other. This allows rescalable bags to he produced in an improved, fume-free working environment, compared with solventbased systems, says Brattle (M2, Cherrycourt Way, Sianbridge Road, Leighton Buzzard, Beds LU7 RUH - tel: 0525 382233, fax: Q525 851324).

Polypeel is an 8mm wide tape mounted offset to left or right on a 15mm release liner.



JOHN & Wm BURT LIMITED 2 Midas Metropolitan Estata, Garth Road, Morden, Surrey SM4 4NJ Talephone: 081-337 3373 Fax: 081-330 7721

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Complete size | Dough maker for madical devices | Working with wider webs

wider version of the Harnden PP Sideweld bagmaking

machine has been introduced by the company and is

with webs up to 1250mm. Electronically controlled, the machine capable of 300 cycles a

ninute and, change,

settings. These adjust automatcally once the produce reference number has been entered at the keyboard explains Harn-

the company.

368 1817, fax: 061-368 1140). access for capable of maintenance operating the PP machine's entire

all product The Hernden PP Sideweld begmeker knife clean-

Wicket control of welding

wicketed bagmaker with separate servo drives for film transof machine speed.

This, says the company,

quality largely independent of

film grade or gauge. The Intermat Varitronie has an output of 350 cycles a minute. In the UK it is marketed by Sullivan Plastics Machinery (PO Box 161, Biddenham, Bedford MK40 4EX - tel: 0234

For further K9 Gall for details information 627 0838 77228

349888, fax: 0234 350900).

Rugged and Reliable RO-AN Poly bag machines

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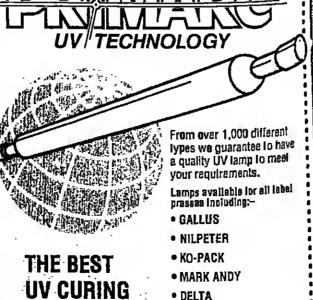
Telephone: 0264 738666 Fax: 0264 738552

conveyor, pickoff and indexing table can be rolled away from the hot knife. This opens up clear path, providing walk-through access for

An electronically controlled

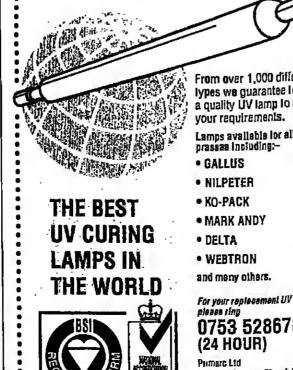
port and welding has been introduced by German manufacturer Lemo, allowing welding times, temperature and pressures to be set independent

provides constant welding



The first stendelone pouchmeker has been installed in the UK

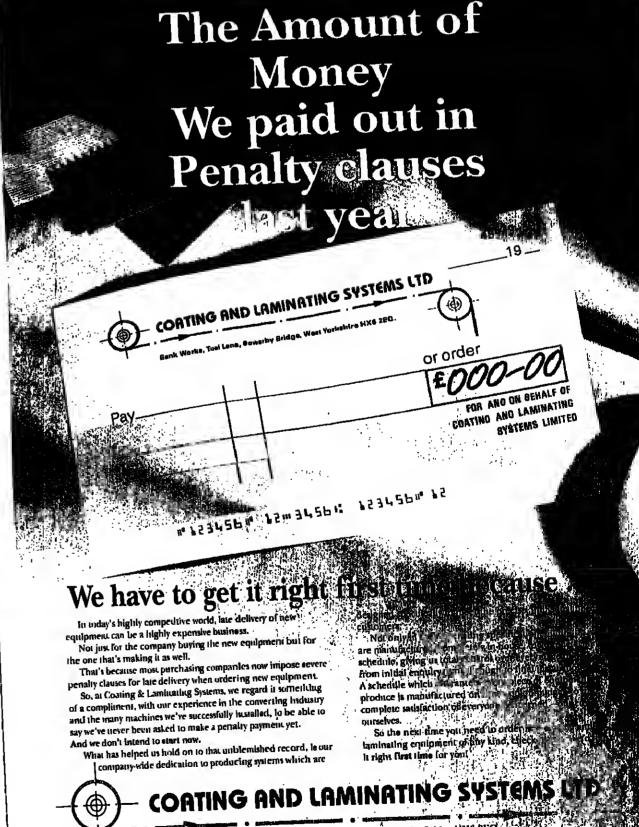
DOES POLYPEEL APPEAL, OR DO YOU FAIN SOMETHING MORE PERMANENTED





Calt on 1839 772288 or anguiry number (K9-678 PACKAGING NEWS/SEPTEMBER 1994

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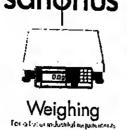
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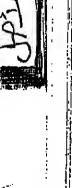
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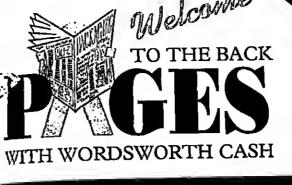
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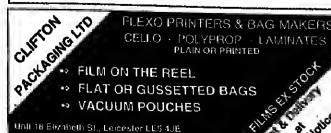
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